

PERMIT IDENTIFICATION FORM



New Jersey Department of Environmental Protection
Office of Pollution Prevention and Right to Know

Chris Christie, Governor

Bob Martin, Acting Commissioner

The mission of the Department of Environmental Protection is to assist the residents of New Jersey in preserving, sustaining, protecting and enhancing the environment to ensure the integration of high environmental quality, public health and economic vitality.

PERMIT IDENTIFICATION FORM

Prepared for

Environmental Regulation
Nancy Wittenberg, Assistant Commissioner

By the

Office of Pollution Prevention and Right to Know

July 2006

New Jersey Department of Environmental Protection
Office of Pollution Prevention and Right to Know
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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF POLLUTION PREVENTION AND RELEASE PREVENTION



PERMIT IDENTIFICATION FORM

FOR OFFICE USE ONLY

Date Received _____ PIF ID Number _____

Please complete the following using a typewriter or print clearly:

A. PROSPECTIVE APPLICANT INFORMATION

1. Name of Prospective Applicant _____

Company Name _____

Address _____

Street No. or PO Box No. _____

City _____

State _____

Zip Code _____

Tel. No. (____) _____

Fax No. (____) _____

2. Name of Proposed Project _____

3. Consultant/Contact Person _____

Company Name _____

Address _____

Street No. or PO Box No. _____

City _____

State _____

Zip Code _____

Tel. No. (____) _____

Fax No. (____) _____

B. PROPOSED PROJECT LOCATION

Street Address _____

Municipality(ies) _____ County(ies) _____

Zip Code _____ Block No. _____ Lot No. _____

C. GENERAL ACTIVITY DESCRIPTION

1. Project Type ____New Construction ____Renovation/Addition ____Additional or New Activity
2. Estimated Beginning Construction Date _____
3. Please use this space to describe your proposed project or attach a narrative to your application.

We would appreciate the following information to assist you more effectively during the permitting process.

Which Department(s), Bureau(s), and staff have you contacted regarding your proposed project?

Which permit applications to the Department or other state agencies have you submitted?

(Read Statement and Sign Below)

I understand that the filing of this Permit Identification Form (PIF) does not constitute a formal application. The information that I receive in response to the PIF will not prevent the New Jersey Department of Environmental Protection (Department) from requiring additional permits, reviews, certificate, approvals, etc., in the future. I will apply for them by the standard procedures of the Department.

Date

Prospective Applicant's Signature

Prospective Applicant's Name (Please Print)

Please return ten (10) copies of each of the following items:

- (a) a description of the proposed project;
- (b) the completed Permit Identification Form;
- (c) USGS map(s) with the site of the proposed project site boundaries clearly delineated on the map (including the title of the USGS quadrangle sheet from which it was taken)*;
- (d) site plans when available; and
- (e) a street map

To:

Ruth Foster
New Jersey Department of Environmental Protection
Environmental Regulation
Office of Permit Coordination and Environmental Review
PO Box 423
Trenton, New Jersey 08625-0423

Street Location: 401 East State Street, 3rd Floor East Wing

Telephone Number: (609) 292-3600

Fax Number: (609) 777-1330

*USGS maps may be purchased from:

NJDEP, Maps and Publications, PO Box 420, Trenton, New Jersey 08625-0420

Telephone Number: (609) 777-1038

TABLE OF CONTENTS

Application	i.
Applicant's Acknowledgement	iii.
I. Office of Pollution Prevention and Right To Know	1
A. Permit Coordination	1
B. Release and Pollution Prevention Report	1
C. Pollution Prevention Planning	2
D. Community Right To Know	2
E. Small Business Assistance Program	2
II. Land Use Management	2
A. Land Use Regulation	2
1. Coastal Area Facility Review Act (CAFRA)	2
2. Waterfront Development	4
3. Coastal Wetlands	4
4. Freshwater Wetlands	5
5. Stream Encroachment	6
6. Water Quality Certificate	6
7. Tidelands Instruments	6
8. Highlands Water Protection and Planning Act (Highlands Act)	6
B. Watershed Management	8
C. Pinelands Commission	9
D. Delaware and Raritan Canal Commission	10
E. New Jersey Meadowlands Commission	11
III. Air Quality Permit Program	11
A. Bureau of Pre-Construction Permits	12
B. Operating Permits	15
IV. Water Supply Program	17
A. Water Allocation	17
B. Well Drilling	19
C. Water Systems Permitting	19
V. Water Quality	20
A. Treatment Works Approval (TWA)/ Financing Programs	20
B. Point Source Permitting Regions 1 and 2	21
C. Non-Point Pollution Control	22
1. Groundwater Section	23
2. Stormwater Section	24
D. Pretreatment and Residuals	26

VI.	Pesticide Control	26
VII.	Radiation Protection and Release Prevention	27
	A. Radiation Protection Program	27
	B. Toxic Catastrophe Prevention Act	27
	C. Discharge Prevention Program	28
VIII.	Site Remediation	29
	A. Underground Storage Tanks	29
	B. Office of Dredging and Sediment Technology	30
	C. Solid and Hazardous Waste	30
	1. Solid Waste Management	31
	2. Recycling Management	31
	3. Hazardous Waste Engineering and Transfer Facilities	31
IX.	Natural Resources	32
	A. Division of Fish and Wildlife	32
	B. Dam Safety	33
	C. Green Acres Program	33
	D. Historic Preservation Office	34
X.	Bureau of Sustainable Communities and Innovative Technologies	36
XI.	Attachments	37
	Maps of Municipalities Within the Coastal Area	Attachment A
	Maps of Municipalities Within the Pinelands Area	Attachment B
	Maps of Municipalities Within the Delaware and Raritan Canal Area	Attachment C
	New Jersey Meadowlands Commission Zoning Map	Attachment D
	Bureau of Point Source Permitting Regions 1 and 2	Attachment E
	Relevant SIC/NAIC Codes	Attachment F
	Delegated Local Treatment Works Facilities	Attachment G
	Extraordinarily Hazardous Substances	Attachment H
	Highlands Preservation and Planning Areas	Attachment I
	Water Quality Management Planning Areas	Attachment J
	Area-Wide Water Quality Management Planning-Designated Planning Agencies	Attachment K

I. OFFICE OF POLLUTION AND RELEASE PREVENTION

The **Office of Pollution Prevention and Right to Know** (www.state.nj.us/dep/opppc/) implements the New Jersey Community Right to Know and Release and Pollution Prevention Report, the Pollution Prevention Planning, the Permit Coordination and Environmental Review, and the Small Business Assistance programs. These programs gather information on the use, storage, and release of toxic chemicals to the environment; promote multi-media environmental management and public awareness; provide compliance assistance to small businesses; and provides project applicants seeking multi-media permits the opportunity to manage their permitting issues through a single point of entry into the Department. A Department project manager will be assigned to projects to conduct a pre-application meeting, clarify permit requirements and issues, coordinate activities among the various Department permitting programs and maintain communication with both the applicant and the permitting programs until the conclusion of the permitting process. Department project management is recommended for new projects requiring multiple permits of major modifications of existing facilities utilizing new or advanced technologies or those that are highly complex and/or highly controversial.

	<u>YES</u>	<u>NO</u>
A. <u>Permit Coordination</u> (609) 292-3600		
1. <i>Do you wish to have a Department project manager assigned to your permitting activities?</i>	_____	_____
2. <i>Are State or Federal funds to be used in the design or construction of the proposed project?</i>	_____	_____
3. <i>Are any federal permits required for the proposed project (e.g., Clean Water Act Section 404 permit)?</i>	_____	_____
4. <i>If federal funds are to be used, or a federal permit required, was an environmental assessment or environmental impact statement prepared, or will one be prepared, for the proposed project pursuant to the National Environmental Policy Act?</i>	_____	_____
5. <i>If State funds are to be used for construction and estimated construction costs exceed \$1 million, was an environmental assessment or environmental impact statement prepared, or will one be prepared for the proposed project pursuant to New Jersey Executive Order No. 215?</i>	_____	_____
B. <u>Release and Pollution Prevention Report</u> (609) 777-0518		

Did you complete at least one Form R for a chemical substance regulated under the federal Emergency Planning and Community Right to Know Act (SARA Title III, Section 313) for the last calendar year?

If "yes" you are required to prepare and submit a Release and Pollution Prevention Report for each federal Toxic Release Inventory substance used or manufactured facility-wide in excess of 10,000 pounds.

- C. Pollution Prevention Planning (609) 777-0518** **YES** **NO**
- Did you complete at least one Form R for a chemical substance regulated under the federal Emergency Planning and Community Right to Know Act (SARA Title III, Section 313) for the last calendar year?* _____
- If "yes" you are required to prepare a Pollution Prevention Plan and submit a Pollution Prevention Plan Summary every five years, for each federal Toxic Release Inventory Substance used or manufactured facility-wide in excess of 10,000 pounds.
- D. Community Right to Know (609) 292-6714**
- Did you, or do you anticipate, having any environmental hazardous substances regulated by the Worker and Community Right to Know Act, at your facility above applicable thresholds, at any time during the calendar year?* _____
- If "yes" you are required to submit a Community Right to Know Survey for all environmental hazardous substances present above thresholds.
- E. Small Business Environmental Assistance Program 877-753-1151 or (609) 292-3600**
- Approximately 95 percent of all businesses are eligible for assistance. Size standards vary widely depending upon the industry; however, as a general rule, your business is within SBA size limits if it is in manufacturing or wholesaling with fewer than 100 employees.
- Is your facility considered a small business?* _____

II. LAND USE MANAGEMENT

Land Use Management administers the permit programs associated with the Waterfront Development Act, the Wetland Act of 1970, the Coastal Area Facility Review Act (CAFRA), the Flood Hazard Area Control Act (Stream Encroachment), the Freshwater Wetlands Protection Act, and the Riparian Lands Management Program.

A. Land Use Regulation Program (<http://www.state.nj.us/dep/landuse/index.html>)

For some projects requiring permits issued by the Land Use Regulation Program, a determination is required to assure that the projects approved or authorized do not conflict with the Statewide and Area-wide Water Quality Management Plans and regulations.

1. Coastal Area Facility Review Act (CAFRA) Permit – A CAFRA Permit is needed for certain types of residential, commercial, industrial, and public developments within the coastal area described in the Act. Municipalities within the coastal area (CAFRA) are listed in Attachment B. You can also determine if the property is in the CAFRA Area by using DEP's interactive mapping system (I-mapNJ) located at www.state.nj.us/dep/gis/depsplash.htm

Is your development geographically located in the CAFRA area?
 If “Yes,” please answer the following questions, consulting CAFRA, N.J.S.A. 13:19-1 et seq., and the Coastal Permit Program Rules, N.J.A.C. 7:7-1 et seq., for definitions of activities for which a permit is required, and for exemptions.

YES

NO

- a. CAFRA regulates all development on a beach or dune.

Is your project located on a beach or dune?

- b. CAFRA regulates the first house or other development within 150 feet of the mean high waterline of a tidal water, beach or dune. However, if there is an existing “intervening development” (for example, a house) between a proposed project and the water, beach or dune, then CAFRA applies only to: residential developments with three or more units, not single-family or duplex homes; commercial development with five or more parking spaces, and to all public and industrial development.

Is your development described in this paragraph?

- c. Beyond the 150-foot area but still within the CAFRA zone, residential developments of 25 or more units, commercial developments with 50 or more parking spaces or equivalent paved area and all industrial and public developments are subject to permit review.

Is your development described in this paragraph?

- d. In urban coastal municipalities known as “qualifying municipalities,” the development threshold is slightly higher in areas greater than 500 feet from the mean high waterline of tidal waters, beach or a dune. In these areas, a permit is required for residential developments of 75 or more units and commercial developments with 150 or more parking spaces or equivalent paved area. [The list of “qualifying municipalities” changes annually, based on tax and population statistics. Please call (609) 292-6110 (Dept. of Community Affairs, Division of Local Governments Services) for the current list.]

Is your development described in this paragraph?

The addition of one or more parking spaces, dwelling units or equivalent to a development constructed after September 19, 1973, which results in a total exceeding the regulatory threshold, is regulated.

YES

NO

Does your proposed project involve the expansion/addition of parking spaces, dwelling units or equivalent to an existing development which was constructed after September 19, 1973?

e. *Does your project include road or sanitary sewer construction greater than 1,200 linear feet?*

f. If the project is located in the Pinelands National Reserve, the Pinelands Commission will comment on the project's consistency with the intents, policies and objectives of Section 502 of the National Parks and Recreation Act of 1978 and the Pinelands Protection Act of 1979 in accordance with N.J.A.C. 7:7 E-3.44. These comments will be taken into account by the Department in its review of the CAFRA permit application.

2. Waterfront Development Permit – A Waterfront Development Permit is needed for developments proposed within any tidal waterway of the State and lands lying thereunder up to and including the mean high waterline. Examples of projects that need a waterfront development permit include docks, wharfs, piers, bulkheads, bridges, pipelines, cables, pilings, filling, dredging or removing of sand or other materials.

For development outside the CAFRA area, the Waterfront Development Law regulates not only activities in tidal waters, but also the area adjacent to the water extending from the mean high waterline to the first paved public road, railroad, or surveyable property line. At a minimum, the zone extends at least a 100 feet, but no more than 500 feet, inland from the tidal water body. Within this zone the Department must review construction, reconstruction, alteration, expansion, or enlargement of structures, excavation, and filling. However, this part of the law does not apply within the Hackensack Meadowlands Development District.

Does your proposed project involve waterfront development?

Note: Developments subject to the Waterfront Development Law may also require a tidelands instrument.

3. Coastal Wetlands Permit – A Coastal Wetlands Permit is needed to excavate dredge, fill or erect structures on coastal wetlands as delineated in maps promulgated by the Department pursuant to the Wetlands Act of 1970.

YES

NO

Does your proposed project involve any of the activities described on coastal wetlands?

4. Freshwater Wetlands – The Freshwater Wetlands Protection Act seeks to protect freshwater wetlands. State open waters (waters of the United States which are not wetlands) and upland areas up to 150 feet from wetlands serve as buffers from random, unnecessary or undesirable alteration or disturbance.

- a. Letter of Interpretation (LOI) – There are four types of LOIs:

1. verifying the limit of freshwater wetlands and their resource value classification on any size property;
2. delineating freshwater limits for properties which are smaller than one acre;
3. identifying the presence or absence of a wetlands footprint on a one acre portion of a larger tract; and
4. acknowledging the presence or absence of wetlands on any size tract

- b. Statewide General Permit – A Statewide General Permit allows limited types of activities to be performed in freshwater wetlands and State Open Waters, provided specific permit conditions are met. General Permit activities include maintenance of existing structures, utility lines, minor road crossings, stormwater outfalls, and filling of isolated wetlands. In general, no more than one acre of freshwater wetlands or State Open Waters can be disturbed. Authorization is required from the Land Use Regulation Program before proceeding with an activity permitted under a Statewide General Permit.

- c. Freshwater Wetlands Individual Permit – A Freshwater Wetlands Individual Permit is needed when activities proposed do not fall within any General Permit category or the activities encompass more than one acre of fill.

- d. Transition Area Waivers – A transition area waiver or buffer is required adjacent to freshwater wetlands of exceptional or intermediate resource value (N.J.A.C. 7:7A-6.1). There are three types of transition area waivers:

1. reduction in width;
2. modification in shape; and
3. Specific disturbances authorized under a General Permit or under a Special Activity Waiver.

A transition area waiver is required for many activities conducted in transition areas. Authorization is required from the Land Use Regulation Program before proceeding with an activity permitted under a Statewide General Permit.

YES

NO

Will you have project activities within 150 feet of a wetland?

	<u>YES</u>	<u>NO</u>
5. <u>Stream Encroachment Permit</u>		
<i>Does your project/facility include dredging or the construction, installation or alteration of any structure or permanent fill along, in, or across the stream channel or 100-year flood plain of any stream (N.J.A.C. 7:13)?</i>	_____	_____
1. <i>Will there be any alteration of the stream itself?</i>	_____	_____
2. <i>Will there be any development with 50' back from the top of a stream bank</i>	_____	_____
3. <i>Does your site include a watercourse that does not have a defined channel bank, but that has a drainage area of 50 acres or more?</i>	_____	_____
6. <u>Water Quality Certificate</u> – All projects requiring a Federal permit for the discharge of dredged or fill material into State waters and/or their adjacent wetlands also require the State Water Quality Certification which ensures consistency with State water quality standards.		
<i>Does your project require a Federal permit for the discharge of dredged or fill material into State waters and/or their adjacent wetlands?</i>	_____	_____
7. <u>Tidelands Instruments</u> – Tidelands, also known as riparian lands, are all those lands now, or formerly, flowed by the mean high tide of a natural waterway. These lands are State owned or State claimed to be owned. Activities on State owned tidelands require a tidelands grant, lease or license. Activities at or below mean high water may require a waterfront development permit.		
<i>Does your project require the use of tidelands?</i>	_____	_____
8. <i>Does your project involve dredging, port or marina development or redevelopment of a former marina or port site? (The site may be either the CAFRA or Waterfront Development Permits are issued by the Office of Dredging and Sediment Technology. See page ## under Site Remediation.)</i>	_____	_____
9. <u>Highlands Water Protection and Planning Act (Highlands Act)</u> - A Highlands Preservation Area Approval is needed for certain types of development or activities within the Highlands Preservation Area as described in the Act. The list of Highlands Preservation Area and Planning Area municipalities is found at www.nj.gov/dep/highlands/municipalities.htm . To determine if the property is in the Highlands Preservation Area or Planning Area use DEP's interactive mapping system (I-mapNJ) located at www.state.nj.us/dep/gis/depsplash.htm		
1. <i>Is your property or project site geographically located within the Highlands Preservation Area?</i>	_____	_____

	<u>YES</u>	<u>NO</u>
<p>If "Yes", please answer the following question, consulting the Highlands Act N.J.S.A. 13:20-1 et seq., and the Highlands Water Protection and Planning Act Special Adopted New Rules: N.J.A.C. 7:38.</p> <p><i>Does your property meet the definition of a "Major Highlands Development" as described below</i></p>	_____	_____

Major Highlands Development

"Major Highlands Development" means, except as otherwise provided pursuant to subsection a. of section 30 of the Highlands Water Protection and Preservation Act, (1) any non-residential development in the preservation area; (2) any residential development in the preservation area that requires an environmental land use or water permit or that results in the ultimate disturbance of one acre or more of land or a cumulative increase in impervious surface by one-quarter acre or more; (3) any activity undertaken or engaged in the preservation area that is not a development but results in the ultimate disturbance of one-quarter acre or more of forested area or that results in a cumulative increase in impervious surface by one-quarter acre or more on a lot; or (4) any capital or other project of a State entity or local government unit in the preservation area that requires an environmental land use or water permit or that results in the ultimate disturbance of one acre or more of land or a cumulative increase in impervious surface by one-quarter acre or more. Major Highlands development shall not mean an agricultural or horticultural development or agricultural or horticultural use in the preservation area.

*If your property is located within the Highlands Preservation Area **and** your proposed project meets the definition of a Major Highlands Development then **your project may be regulated.***

Some activities and projects, however, **may be exempt**. See www.nj.gov/dep/highlands/exemptions.htm to view the list of exemptions. To apply for an exemption from the DEP, go to www.nj.gov/dep/highlands/consistency.pdf.

For the following permits: CAFRA, Freshwater Wetlands, Coastal Wetlands, Waterfront Development Permits, Water Quality Certificates; or Stream Encroachment Permits please refer to the listing below for the county in which the site of concern is located. (All numbers are 609 area code.)

County	Permits	Stream Encroachment
Atlantic	984-0162	984-0162
Bergen	633-9277	984-0194
Burlington	984-0162	984-0162
Camden	633-6755	984-0162
Cape May	633-6755	984-0162
Cumberland	633-6755	984-0162
Essex	633-9277	984-0194
Gloucester	633-6755	984-0162
Hudson	633-9277	984-0194
Hunterdon	777-0454	633-9277
Mercer	777-0454	984-0194
Middlesex	633-9277	984-0194
Monmouth	984-0162	984-0162
Morris	633-9277	984-0194
Ocean	292-8262	984-0162
Passaic	633-9277	984-0194
Salem	984-0162	984-0162
Somerset	633-9277	633-9277
Sussex	633-9277	633-9277
Union	777-0454	984-0194
Warren	777-0454	633-9277
Tidelands	292-2573	

B. DIVISION OF WATERSHED MANAGEMENT - BUREAU OF WATERSHED REGULATION (609) 984-6888

Watershed Management (<http://www.nj.gov/dep/watershedmgt/wqmps.htm>) administers the Statewide Water Quality Management Planning (WQMP) Program. The WQMP Act states that “all projects and activities affecting water quality in any planning area shall be developed and conducted in a manner consistent with the adopted areawide plan.” The law further specifies that “the commissioner shall not grant any permit which is in conflict with an adopted areawide plan.” (N.J.S.A.58:11A). Areawide water quality management (WQM) plans provide information and requirements for water resource protection and wastewater management. These plans will be expanded in the future to include adopted watershed management area plans developed by the Department in partnership with Public Advisory Committees. Under the existing WQMP rules, the Department shall not issue the permit if the Department finds the project or activity to be inconsistent with a WQM plan or the rules (N.J.A.C. 7:15-3.1(a)). The Department conducts a consistency determination (CD) review to ensure that proposed projects or activities do not conflict with the applicable areawide WQM plans. To read more about the requirements for consistency determinations please visit the following website: (<http://www.nj.gov/dep/watershedmgt/DOCS/CD%20Fact%20Sheet.pdf>).

After a CD review is completed, the Department will find the project to be “consistent”, “not addressed”, or “inconsistent”. A project is “consistent” if it complies with the WQMP rules and the applicable WQM plans. If the planning rules and the WQM plans do not contain provisions regarding or precluding a project, then the project is “not addressed”. For projects that are determined to be “consistent” or “not addressed”, the Department will either issue a written CD to the applicant or issue the permit. A finding of “inconsistent” means that the project conflicts with the rules and/or the areawide WQM plans. In order to resolve a finding of “inconsistent”, an applicant may either revise the project to conform with the WQM plans and rules, apply for a WQM amendment, or appeal the Department’s finding of inconsistent. Since CD reviews are considered part of the permit review process, an appeal of a Department CD must be pursued as an appeal of the permit decision, in accordance with the statutes and rules that govern the particular permit.

As discussed within the previous subsection 9. (Highlands Water Protection and Planning Act), development and activities that are within the Highlands Preservation Area as defined in the Act are regulated and require a Highlands Preservation Area Approval unless they are exempt or Not Major Highlands Development (note: the term Major Highlands Development was defined in a previous section). The exemptions are described in the Act N.J.S.A. 13:20-1 et seq. and the Special Adopted Rules N.J.A.C. 7:38, both of which are available on the Department's Highlands website at: <http://www.state.nj.us/dep/highlands/> . That website contains a wealth of other Highlands-related information as well. For a formal determination, a Highlands Applicability and Water Quality Management Plan (WQMP) Consistency Determination Application Form is available at: <http://www.state.nj.us/dep/highlands/consistency.pdf> "

The Division of Watershed Management is interested in evaluating projects for consistency with applicable areawide WQM plans and WQMP rules and its potential impacts on watershed management planning. The following questions will assist the Department in determining the applicability of these programs to your proposed project.

- | | <u>YES</u> | <u>NO</u> |
|--|-------------------|------------------|
| 1. <i>Will your project or activity generate wastewater?</i> | _____ | _____ |
| 2. Name of treatment facility where wastewater generated by your proposal is expected to be treated: | | |
| Name: _____ | | |
| 4. Type of wastewater disposal: Ground water _____ Surface water _____ | | |

A Map of New Jersey’s Water Quality Management Planning Areas is included as Attachment J. A list of the Area-Wide Water Quality Management Planning - Designated Planning Agencies is included as Attachment K. For additional information please contact the Bureau of Watershed Regulation at (609) 984-6888.

C. Pinelands Commission (609) 894-7300

The **Pinelands Commission** (<http://www.state.nj.us/pinelands>), an independent State agency, is responsible for implementing and administering land development regulations

contained in the Pinelands Comprehensive Management Plan for the Pinelands Area which covers portions of seven southern New Jersey counties: Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester and Ocean.

	<u>YES</u>	<u>NO</u>
1. <i>Is your project located in one of the municipalities listed in Attachment C? If "Yes", please answer Question 2.</i>	_____	_____
2. Some municipalities are located partially within and partially outside the Pinelands area (See Attachment C). <i>Is your project located within such a municipality? If "Yes", please answer Question 3</i>	_____	_____
3. <i>Is your project located within that portion of the municipality that is within the Pinelands Area? If "Yes", please answer Question 4.</i>	_____	_____
4. <i>If your project is located within the Pinelands Area, have you completed an application for development with the Pinelands Commission? If "Yes", please attach the documentation received from the Pinelands Commission regarding the proposed development. Please note that certain activities listed in N.J.A.C. 7:50-4.1a. (See Attachment C) do not require an application to the Commission.</i>	_____	_____
5. In the Pinelands Area, a Freshwater Wetlands Permit is needed only for the discharge of dredge or fill material in wetlands.	_____	_____
<i>Does your project involve dredging or filling? If "Yes", please note that the Pinelands Commission will issue the Freshwater Wetlands Permit if the following conditions are met:</i>	_____	_____
<p style="padding-left: 40px;">The activity requires an application to the Pinelands Commission under the Pinelands Comprehensive Management Plan (N.J.A.C. 7:50-1.1 et seq.) and the activity falls within a General Permit category under the Freshwater Wetland Protection Act Rules (N.J.A.C. 7:7A-1.1 et seq.).</p>		

(See Attachment C for Maps of Pinelands and the list of municipalities within the area.)

D. Delaware and Raritan Canal Commission

(609) 397-2000

The Delaware and Raritan Canal Commission (DRCC) (<http://www.dandrcanal.com/drcc/>), within the Department, reviews development applications proposing projects within its jurisdictional zone, including the D&R Canal State Park, lands adjoining the the park, and watershed areas of streams that impact the Canal Park.

	<u>YES</u>	<u>NO</u>
Is your project/facility located in one of the municipalities listed in Attachment D, within the area indicated on the attached map titled "D&R Canal Commission Review Zone?" If "Yes", please attach the documentation received from the DRCC regarding the proposed development.	_____	_____

E. New Jersey Meadowlands Commission (NJMC) (201) 460-1700

The **HMDC** (<http://www.hmdc.state.nj.us>) is responsible for regulating activities within the 19,730-acre district. The Commission has a professional staff, which carries out its adopted master plan and regulations. The following municipalities are within the HMDC jurisdictional area:

Bergen County:

Carlstadt Borough
 East Rutherford Borough
 Little Ferry Borough
 Lyndhurst Township
 Moonachie Borough
 North Arlington Borough
 Ridgefield Borough
 Rutherford Borough
 South Hackensack Township
 Teterboro Borough

Hudson County:

Jersey City
 Town of Kearny
 North Bergen Township
 Town of Secaucus

A zoning map of the HMDC jurisdiction is included as Attachment E.

	<u>YES</u>	<u>NO</u>
1. Is your project located in one of the municipalities within the HMDC jurisdictional area?	_____	_____
2. Have you completed an application for development with the HMDC or have you received written confirmation that no application is necessary? If "Yes," please attach the documentation received from the HMDC regarding the proposed development.	_____	_____

III. AIR QUALITY PERMIT PROGRAM

The **Air Quality Permit Program** (<http://www.state.nj.us/dep/aqpp/>) ensures the citizens of New Jersey an environment, which is as free from unacceptable levels of air pollution as possible. It evaluates new sources, reviews air quality modeling and risk assessments, evaluates applications for all new or modified equipment which emits air contaminants, oversees the measurement of contaminant emissions and issues permits for equipment which is subject to Federal and State air pollution control rules.

A. Bureau of Pre-Construction Permits (609) 633-2829

REF. NJAC 7:27-8.2(C) 1 through (C) 21: Permits and Certificates For Minor Facilities (And Major Facilities Without and Operating Permit)

YES

NO

Will the project/facility use any of the new or modified equipment and/or control apparatus listed below?

1. Commercial fuel burning equipment that has a maximum rated heat input of 1,000,000 BTU per hour or greater to the burning chamber, including emergency generators;
2. Any source operation or equipment that has the potential to emit any Group 1 or Group 2 toxics (or combination thereof) at a rate greater than 0.1 pound per hour (45.4 grams per hour);

“Group 1 TXS,” means an air contaminant that is found on the list of Group 1 TXS at N.J.A.C. 7:27-17.3, which is incorporated by reference herein:

Name	CAS Number
Benzene (Benzol)	71-43-2
Carbon tetrachloride (Tetrachloromethane)	56-23-5
Chloroform (Trichloromethane)	67-66-3
Dioxane (1,4-Diethylene dioxide)	123-91-1
Ethylenimine (Aziridine)	151-56-4
Ethylene dibromide (1,2-Dibromoethane)	106-93-4
Ethylene dichloride (1,2-Dichloroethane)	107-06-2
1,1,2,2-Tetrachloroethane (sym Tetrachloroethane)	79-34-5
Tetrachloroethylene (Perchloroethylene)	127-18-4
1,1,2-Trichloroethane (Vinyl trichloride)	79-00-5
Trichloroethylene (Trichlorethene)	79-01-6

“Group 2 TXS,” means an air contaminant that is found on the list of Group 2 TXS at N.J.A.C. 7:27-17.3, which is incorporated by reference herein, together with all amendments and supplements. As of June 12, 1998, the following is the complete list of Group 2 TXS:

Name	CAS Number
Methylene chloride (Dichloromethane)	75-09-2
1,1,1-Trichloroethane (Methyl chloroform)	71-55-6

3. Dry cleaning equipment;

4. A surface cleaner which uses a cleaning solution containing five percent or more VOCs, HAPs, or a VOC and HAP combined and which is:

	<u>YES</u>	<u>NO</u>
a. An unheated open top surface cleaner with a top opening of greater than six square feet (0.56 square meters) or a capacity greater than 100 gallons;	_____	_____
b. A heated open top surface cleaner;	_____	_____
c. A conveyORIZED surface cleaner; or	_____	_____
d. A stationary spray cleaning or surface stripping operation using one half gallon or more of cleaning solution in one hour;	_____	_____
5. Equipment that is used in a graphic arts operation including, but not limited to, newspaper, lithographic, gravure, flexographic, letterpress, and screen printing, in which the quantity of ink, fountain solution, or cleaning material used by a source in any one hour is equal to or greater than one half gallon;	_____	_____
6. Any tank or vessel which has the capacity of more than 100 gallons and which is used:		
a. In etching, pickling, or plating; or	_____	_____
b. In chromium electroplating or chromium anodizing;	_____	_____
7. A transfer operation involving gasoline or other VOCs that is regulated under N.J.A.C. 7:27-16.3 or 16.4, or a marine tank vessel loading or ballasting operation regulated under N.J.A.C. 7:27-16.5, if the operation is required to have a control device other than bottom fill or submerged fill;	_____	_____
8. Stationary storage tanks which have a capacity in excess of 10,000 gallons and which are used for the storage of liquids, except water, or distillates of air;	_____	_____
9. Stationary storage tanks which have a capacity of 2,000 gallons or greater and which are used for the storage of a VOC or mixture of VOCs having a vapor pressure or sum of partial pressures of 0.02 pound per square inch absolute (1.0 millimeters of mercury) or greater at standard conditions;	_____	_____
10. Tanks, reservoirs, containers and bins which have a capacity in excess of 2,00 cubic feet and which are used for the storage of solid particles;	_____	_____
11. Stationary material handling equipment using pneumatic, bucket or belt conveying systems from which emissions occur;	_____	_____
12. Equipment used in a surface coating operation including, but not limited to, spray and dip painting, roller coating, and electrostatic depositing, in which the quantity of coating or cleaning material used in any one hour is equal to or greater than one half gallon of liquid;	_____	_____

	<u>YES</u>	<u>NO</u>
13. Except where a registration has been filed pursuant to N.J.A.C. 7:27-20.3, any equipment that is used for the burning of non-commercial fuel, crude oil, or process by-products in any form, including, but not limited to, off-specification used oil, processed used oil fuel, or on specification used oil as defined in N.J.A.C. 7:27-20.1;	_____	_____
14. An incinerator;	_____	_____
15. Equipment which is used for treating groundwater, industrial wastewater, or municipal wastewater with a solids content of less than two percent by weight as it enters the equipment (typical operations performed by this type of equipment include, but are not limited to, air stripping, aeration, digestion, thickening, flocculating, surface impounding, and dewatering), if the equipment does either of the following:	_____	_____
a. Treats or handles influent which has one of the following:		
1. A total concentration of VOCs and Group 2 TXS in the influent of 3,500 parts per billion by weight (ppbw) or more; or	_____	_____
2. A total Group 1 TXS concentration in the influent of 100 ppbw or more; or	_____	_____
b. Discharges more than 50 pounds per hour of sludge. For the purposes of this paragraph, wastewater with a solids content of two percent by weight or greater is considered sludge;	_____	_____
16. Equipment used for treating waste soils or sludges, including municipal solid wastes, industrial solid wastes or recycled materials, if the influent to the equipment has a solids content of two percent by weight or greater. Typical operations performed by this type of equipment include, but are not limited to, soil cleaning, composting, pelletizing, grit classifying, drying, and transfer station operations. However, an area used as a temporary storage area, such as a concrete pad or a roll-off container, shall not be considered to be equipment used for treating waste soils or sludges, provided that the area is not also used for treatment;	_____	_____
17. Equipment used for the purpose of venting a closed or operating dump, sanitary landfill, hazardous waste landfill, or other solid waste facility, directly or indirectly in to the outdoor atmosphere including, but not limited to, any transfer station, recycling facility, or municipal solid waste composting facility;	_____	_____

	<u>YES</u>	<u>NO</u>
18. Equipment that shreds wood, if the engine powering the equipment has a maximum rated gross heat input of 1,000,000 BTU per hour or greater;	_____	_____
19. Equipment in which the combined weight of all raw materials used, excluding air and water, exceeds 50 pounds in any one hour, except for equipment excluded from permit requirements under 3 through 18 above, and 20 and 21 below	_____	_____
20. Welding equipment, if the weight of the welding rod or welding wire used in the process is greater than 12 pounds in any calendar day.	_____	_____
21. Any stationary reciprocating engine with a maximum rated power output of 37 kw or greater used for generating electricity, not including emergency generators.	_____	_____

Note: There are possible exemptions to the above categories, therefore please review subsections, located at NJAC 7:27-8.2 (d), (e), and (f)

B. Operating Permits

(609) 633-8248

1. *Does the facility emit or have the potential to emit a Hazardous Air Pollutant (HAP) in an amount, which equals or exceeds the amounts listed below? The calculation of potential to emit shall include fugitive emissions, as defined by N.J.A.C. 7:27-22.1*
 - i. *Ten tons per year of any HAP;*
 - ii. *Twenty-five tons per year of any combination of HAP's;*
 - iii. *Such lesser quantity of any HAP as the EPA may establish By rule, pursuant to 42 USC 7412(a)(1), as the threshold Amount for a major HAP facility.*
2. *Does the facility emit or have the potential to emit any of the air contaminants listed below in a an amount which equals or exceeds the threshold amount for that contaminant?*

<u>Air Contaminant</u>	<u>Threshold</u>
Carbon Monoxide	100 tons per year
PM-10	100 tons per year
TSP	100 tons per year
Sulfur Dioxide	100 tons per year
Oxides of Nitrogen	25 tons per year
VOC	25 tons per year
Lead	10 tons per years
Any other air contaminant	100 tons per year

The calculation of potential to emit for 1 and 2 above shall include fugitive emissions only if the facility falls into one or more of the following categories:

- i. Coal cleaning plants (with thermal dryers);
- ii. Kraft pulp mills;
- iii. Portland cement plants;
- iv. Primary zinc smelters;
- v. Iron and steel mills;
- vi. Primary aluminum ore reduction plants;
- vii. Primary copper smelters;
- viii. Municipal incinerators capable of charging more than 250 tons of refuse per day;
- ix. Hydrofluoric, sulfuric, or nitric acid plants;
- x. Petroleum refineries;
- xi. Lime plants;
- xii. Phosphate rock processing plants;
- xiii. Coke oven batteries;
- xiv. Sulfur recovery plants;
- xv. Carbon black plants (furnace process);
- xvi. Primary lead smelters;
- xvii. Fuel conversion plant;
- xviii. Sintering plants;
- xix. Secondary metal production plants;
- xx. Chemical processing plants;
- xxi. Fossil-fuel boilers (or combination thereof) totaling more than 250 million BTUs per hour heat input;
- xxii. Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels;
- xxiii. Taconite ore processing plants;
- xxiv. Glass fiber processing plants;
- xxv. Charcoal production plants;
- xxvi. Fossil-fuel fired steam electric plants or more than 250 million BTUs per hour heat input; or
- xxvii. All other stationary source categories regulated by a standard promulgated under 42 U.S.C. 7411, Standards for Performance for New Stationary Sources. However, for a facility in this category, fugitive emissions need only be included when calculating the potential to emit those air contaminants, which EPA has regulated for that stationary source category.

	<u>YES</u>	<u>NO</u>
3. <i>Is the facility an affected Title IV facility, as defined at N.J.A.C. 7:27-22.1?</i>	_____	_____
4. <i>Does the facility have any source operation in a source category designated by EPA? (EPA is authorized to designate source categories as subject to operating permit requirements pursuant to 40 CFR 70.3(a)(5).)</i>	_____	_____
5. <i>Does the facility have a solid waste incineration unit which combusts municipal waste and which has a combustion capacity greater than 250 tons of municipal waste per day?</i>	_____	_____

- | | <u>YES</u> | <u>NO</u> |
|--|-------------------|------------------|
| 6. <i>Does the facility's owner or operator elect to obtain an operating permit in lieu of obtaining operating certificates from New Source Review?</i> | _____ | _____ |
| 7. <i>Is the facility a non-major facility for which EPA completed rulemaking, requiring an operating permit for that category of non-major facilities pursuant to 40 CFR 70.3(b)1 or 2?</i> | _____ | _____ |

IV. WATER SUPPLY PROGRAM

The **Division of Water Supply** (<http://www.state.nj.us/dep/watersupply/>) is responsible for programs that assure adequate and safe supplies of drinking water. The Bureau of Safe Drinking Water includes the water supply rehabilitation loan program and the establishment of safe drinking water standards. The Bureau of Water Systems and Well Permitting includes the permitting of public water supply facilities and the well driller licensing program and the well permitting and abandonment programs. The Bureau of Water Allocation is responsible for the permitting of surface and ground water diversions in excess of 100,000 gallons per day. It also implements the critical area aquifer program in areas of the State in which aquifers have been overstressed.

A. Water Allocation (609) 292-2957

The Bureau of Water Allocation, in the Water Supply Permitting Element of the Division of Water Supply, is responsible for ensuring that surface and ground water diversions do not exceed the sustainable yield of available water resources and do not adversely impact existing users of that resource. The Bureau oversees Water Supply Critical Areas, regional water supply planning initiatives, and assists with drought administration. Permits are required for ground and surface water diversions capable of withdrawing in excess of 100,000 (50,000 in the Highlands Preservation Area) gallons of water per day. The Bureau of Water Allocation issues the following;

1. Water Allocation Permit

Does your project/facility include withdraw ground and/or surface water in excess of 100,000 gallons per day for a period of more than 30 days in a consecutive 365 day period, for purposes other than agriculture, aquaculture, or horticulture?

2. Water Use Registration

Does your project/facility withdraw ground and/or surface water in excess of 100,000 gallons per day for a period of more than 30 days in a consecutive 365 day period, for purposes other than agriculture, aquaculture, or horticulture, but is less than 3.1 million gallons per month?

3. Temporary Dewatering Allocation Permit

Does your project/facility withdraw ground and/or surface water in excess of 100,000 gallons per day for a period of more than

	<u>YES</u>	<u>NO</u>
<p><i>30 days in a consecutive 365 day period, for purposes of dewatering (i.e. construction related dewatering)?</i></p>	_____	_____
<p>4. <u>Dewatering Permit-by-Rule</u></p> <p><i>Does your project/facility withdraw ground and/or surface water in excess of 100,000 gallons per day for construction related purposes only, for dewatering from coffer dams, or from a confined area where the impacts of dewatering are contained, and in compliance with the requirements of N.J.A.C. 7:19-2.17(b)?</i></p>	_____	_____
<p>5. <u>Short Term Permit-by-Rule</u></p> <p><i>Does your project/facility include a one-time withdrawal of ground and/or surface water in excess of 100,000 or more gallons per day for less than 31 days in a consecutive 365 day period, and in compliance with the requirements of N.J.A.C. 7:19-2.17(a)?</i></p>	_____	_____
<p>6. <u>Comprehensive Environmental Response, Compensation And Liability Act (CERCLA) Permit Equivalency</u></p> <p><i>Is your project/facility a state or federally funded remediation project required under the comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. 9601 et seq., and authorized by the Department for processing as a Water Allocation Permit Equivalency?</i></p>	_____	_____
<p>7. <u>Agricultural Water Usage Certification</u></p> <p><i>Does your project/facility withdraw ground and/or surface water in excess of 100,000 gallons per day for agricultural, aquacultural, or horticultural purposes, and authorized by the county agricultural agent pursuant to N.J.A.C. 7:20A et seq?</i></p>	_____	_____
<p>8. <u>Agricultural Water Use Registrations</u></p> <p><i>Does your project/facility have the capability to withdraw ground and/or surface water in excess of 100,000 gallons per day for agricultural, aquacultural, or horticultural purposes, but withdraws less than 3.1 million gallons per month, and is authorized by the county agricultural agent pursuant to N.J.A.C. 7:20A et seq?</i></p>	_____	_____

B. Well Drilling**(609) 984-6831****1. Well Drilling Permit****YES****NO**

Does your project include the drilling, boring, coring or excavating of a well which will be used for any of the following purposes, including but not limited to: dewatering, potable water supply, fire protection, geothermal, industrial, elevator shaft,

irrigation, livestock, oil and gas exploration, cathodic protection, methane gas extraction, monitoring/remediation, test, recharge or test boring/geotechnical? If "Yes," a licensed well driller must apply for a well permit.

2. A New Jersey licensed well driller of the proper class and a well permit to drill wells are required to modify the physical construction of the well itself (i.e., well deepening or a new screen) or to redesignate the use of any well. While a permit is not required for the decommissioning of any abandoned well, a New Jersey licensed well driller is the only individual who can perform such work.

Does your project include the modification, redesignation, or decommissioning of any wells?

C. Water Systems Permitting**(609) 292-5550**

1. Will your project receive its potable water supply by development of, or connection to, a Public Non-Community Water System i.e. system serving 25 or more people per day at least 60 days of the year? If "Yes," approval or certification is required from either a county or local health department.

2. Will your project receive its potable water supply by development or, or connection to, individual non-public water systems involving the development of 50 or more realty improvements? If "Yes," submit a plan to the Bureau of Safe Drinking Water for their approval.

3. Will your project receive its potable water supply by development of, or connection to, a Public Community Water System serving 25 or more year-round residents? If "Yes," check one or more of the applicable statements below:

____ Develop or modify a water supply (well or intake structure);

____ Develop or modify a pumping station;

____ Develop or modify a treatment plant;

____ Develop or modify a water distribution system consisting of more than 15, but less than

- 50 service connections, or requiring a daily demand of more than 6,000 gallons;
- _____ Develop or modify a water distribution system consisting of 50 or more service connections, or requiring more than 1,500 linear feet of water main; or
- _____ Use of any non-potable water supply (process or cooling water)

V. **WATER QUALITY**

To protect the state's waters, the **Division of Water Quality** (<http://www.state.nj.us/dep/dwq/>) implements the New Jersey Pollutant Discharge Elimination System (NJPDES Program), administers financial assistance programs for clean water and wastewater treatment and/or conveyance facilities, and administers the Treatment Works Approval, Capacity Assurance, and Sewer Ban Programs. The Municipal Finance and Construction Permitting Element is responsible for administration of a number of programs for the planning, design, and/or construction of wastewater, drinking water, and stormwater/nonpoint source management programs. The Watershed Permitting Element is responsible for the NJPDES Program which protects New Jersey's ground and surface water quality by assuring the proper treatment and discharge of wastewater (and its residuals) and stormwater from various types of facilities and activities. To accomplish this, permits are issued limiting the mass and/or concentration of pollutants that may be discharged into ground water, streams, rivers, and the ocean. Certain industrial and commercial discharges into sewage treatment plants also require permits. The types of regulated facilities can range from very small users such as campgrounds, schools, and shopping centers to larger industrial and municipal wastewater dischargers.

For some projects requiring permits issued by the Watershed Permitting Element, a determination is required to assure that projects approved or authorized do not conflict with the Statewide and Areawide Water Quality Management (WQM) Plans and Regulations. Please refer to Watershed Management on Page 1.

A. **Treatment Works Approvals**

The Bureau of Financing and Construction Permits regulates the construction and operation of domestic and industrial wastewater collection, conveyance and treatment systems through its Treatment Works Approval (TWA) program. The TWA process involves assessing the design of new sewer lines and other wastewater conveyance facilities (pumping stations, holding tanks, etc...), as well as evaluating wastewater treatment plant design and the ability to meet the effluent standards specified in the NJPDES permit for the facility.

For additional information on the technical aspects of TWAs, please contact the *Bureau of Financing and Construction Permits*:

North (Serving Bergen, Essex, Hudson,
Hunterdon, Mercer, Middlesex, Morris, Passaic,
Somerset, Sussex, Union, and Warren Counties)
609-292-3025

South (Serving Atlantic, Burlington,
Camden, Cape May, Cumberland, Gloucester,
Monmouth, Ocean and Salem Counties)
609-633-1169

For additional information on the administrative aspects of TWA's, or on the requirements for General Industrial TWA's, please contact the *Bureau of Permit Management* at **609-984-4429**.

	<u>YES</u>	<u>NO</u>
1. <i>Does your project involve the construction, upgrade, or expansion of a <u>domestic or industrial wastewater treatment facility or an on-site individual subsurface disposal system which generates 2,000 GPD or more?</u></i>	_____	_____
2. <i>Does your project contain any of the following:</i>	_____	_____
a. A connection (gravity or forced) serving more than two buildings;	_____	_____
b. A design flow of 8,000 GPD or more;	_____	_____
c. A sewer (gravity or force main) that will extend along an easement through more than two properties, a roadway or public right-of-way;	_____	_____
d. Construction/operation of a wastewater holding tank or a flow equalization tank.	_____	_____
e. Residual treatment units, including, but not limited to, facilities for composting, heat drying, thickening, digestion, air drying, thermal reduction, dewatering and storage of sludge;	_____	_____
3. Will the project involve connection to a municipal sewer system that is currently under a sewer connection ban? If “Yes,” the project must first obtain a sewer ban exemption before a TWA can be issued	_____	_____
4. Does the project serve a water quality benefit? If so, and the project is owned by a public entity (private entities permitted for water projects only), would you like information on obtaining a low interest loan in order to finance the project.	_____	_____

**B. Point Source Permitting – Regions 1 and 2 (609) 633-3869 Region 1
(609) 292-4860 Region 2**

The Bureaus of Point Source Permitting 1 and 2 regulate facilities discharging domestic and industrial wastewater directly into surface waters of the state as part of the NJPDES program. The regional structure of the two bureaus was established to facilitate watershed permitting. The regional boundaries are based on the state's 20 watershed management areas and 5 water regions. Region 1 includes the Upper Delaware and Passaic regions and the northern portion of the Atlantic Coastal region. Region 2 includes the Raritan and Lower Delaware regions and the southern portion of the Atlantic Coastal region. A map of the regions is included as Attachment F.

1. *Does your facility discharge any of the following types of wastewater as a point source discharge into a surface waterbody (rivers, streams, lakes, ponds, or mosquito ditches [or storm*

	<u>YES</u>	<u>NO</u>
2. <i>sewers, wetlands areas, or any other conveyance which ultimately enters one of these entities])?</i>	_____	_____
_____ Sanitary/domestic wastewater;		
_____ Non-contact cooling water;		
_____ Contact cooling water;		
_____ Process related wastewater;		
_____ Wastewater from an industrial treatment system;		
_____ Remediated groundwater (treated or untreated);		
_____ Miscellaneous (filter backwash, boiler blowdown, floor drains, wash water or other); or		
_____ Stormwater commingled with <u>any</u> of the above discharges		
3. <i>Will your facility discharge municipal or industrial wastewater to surface water? If “Yes,” new discharges or expansions of existing discharges require a Water Quality Management Plan Amendment.</i>	_____	_____
4. <i>Will your wastewater ultimately be discharged to the following receiving waters or their tributaries in Region 1?</i>	_____	_____
Upper Delaware River (above the head of tide at Trenton, River Mile 133.4, the Trenton-Morrisville Toll Bridge)		
Wallkill River		
Passaic River		
Hudson River		
Hackensack River		
Raritan River		
Navesink River		
Shrewsbury River		
Atlantic Ocean above the Mullica River		
5. <i>Will your wastewater ultimately be discharged to the following receiving waters or their tributaries in Region 2?</i>	_____	_____
Lower Delaware River (below the head tide at Trenton, River Mile 133.4, Trenton-Morrisville Toll Bridge)		
Delaware Bay		
Upper New York Bay		
Newark Bay		
Arthur Kill		
Kill Van Kull		
North and South Branches of the Raritan River		
Mainstream Raritan River		
Atlantic Ocean from the Mullica River, south		

C. NonPoint Pollution Control

The **Bureau of NonPoint Pollution Control** (BNPC) is responsible for protecting and preserving the state’s groundwater resources through the issuance of NJPDES Discharge to

Groundwater Permits and is responsible for permitting industrial facilities and municipalities under NJPDES for discharges of stormwater to waters of the state.

1. Groundwater Section

(609) 292-0407

This Program does not issue NJPDES-DGW permits for remediation operations.

The following definitions should be used to assist in identifying discharge activities:

Subsurface disposal system is any contrivance that introduces wastewater directly to the subsurface environment, such as, but not limited to: septic systems, recharge beds, trench systems, seepage pits, and dry wells.

Injection/recharge wells are constructed such that they are deeper than they are wide, receive effluent via gravity flow or pumping, and include dry wells and seepage pits.

Overland flow is the introduction of wastewater to the ground surface, over which the wastewater travels and eventually percolates or evaporates.

Industrial wastewater is any wastewater or discharge which is not sanitary or domestic in nature, including non-contact or contact cooling water, process wastewater, discharges from floor drains, air conditioner condensate, etc.

	<u>YES</u>	<u>NO</u>
1. <i>Will the project/facility have a sanitary wastewater design flow which discharges to groundwater in excess of 2,000 gallons per day?</i>	_____	_____
2. <i>Will the project/facility generate a discharge to groundwater of industrial wastewater in any quantity?</i>	_____	_____
3. <i>Will the project/facility involve the discharge to groundwater by any of the following activities or structures, or include as part of the design any of these activities or structures?</i>	_____	_____

Please indicate which:

_____ Upland CDF (Dredge Spoils)	_____ Spray Irrigation
_____ Overland Flow	_____ Subsurface Disposal System (UIC)
_____ Landfill	_____ Infiltration/Percolation Lagoon
_____ Surface Impoundment	

Please specify the source of wastewater for every structure identified above (e.g, sanitary wastewater to a subsurface disposal system or non-contact cooling water to a dry well):

Please specify lining materials for each lined structure identified as being used by the proposed project and give its permeability in cm/sec (e.g., 8-inch thick concrete lined evaporation pond at 10^{-7} cm/sec):

Alternate Design Septic Systems – The Realty Improvement Act empowers the Department to prevent pollution of the waters of the state by establishing standards for the proposed location, design, construction, installation, alteration and maintenance of individual subsurface sewage disposal systems for facilities with a design flow less than 2,000 gallons per day.

YES **NO**

Does your project/facility include an individual subsurface sewage disposal system design for a facility with a design flow less than 2,000 gallons per day which does not strictly conform to the State's standards?

50 or More Realty Improvement Subdivision Certifications – No subdivision approval shall be granted by any municipal or other authority in the State to cover 50 or more realty improvements until Department has certified that the proposed water supply and sewerage facilities for realty improvements comply with applicable State standards. The Department will review an application only after the local board of health or planning board has stated that it will grant subdivision approval.

Does your project involve 50 or more realty improvements?

2. **Stormwater Section** **(609) 633-7021**

1. *Is your facility assigned one of the following Standard Industrial Classification (SIC) Codes?*

10	2434	29	35	4221
12	25	30	36	4222
13	26	31	37	4225
14	265	311	373	43
20	267	32	38	44
21	27	323	39	45
22	28	33	40	5015
23	283	34	41	5093
24	285	3441	42	5171

(To determine your SIC Code see the box "Industry Code" on your New Jersey Department of Labor Quarterly Contribution Report. If not yet assigned, see Attachment G in this document.)

or

2. <i>Is your facility one of the following?</i>	<u>YES</u>	<u>NO</u>
(a) Hazardous waste storage, treatment, or disposal facility (including those interim or permitted under Subtitle D of RCRA);	_____	_____
(b) Landfill, land application site, or open dump that receives or has received any industrial waste;	_____	_____
(c) Steam electric power generating station;	_____	_____
(d) Treatment works treating domestic sewage or sewage sludge for a population of greater than 100,000 people;	_____	_____
(e) Construction activity including clearing, grading, and excavation which disturbs 1 acres or more of land, or is part of a single plan of development or sale that is greater than 1 acre; or	_____	_____
(f) Subject to stormwater effluent limitation guidelines, new source performance standards, or toxic pollutant effluent standards	_____	_____

If your facility meets any of the above conditions, then you must apply for a permit to discharge stormwater to the surface or ground waters of the State unless:

- (i) All your stormwater from the site is discharged to a sanitary or combined sewer (one that carries sanitary wastewater and stormwater to a municipal treatment plant)

or

- (ii) The facility has an existing NJPDES permit for all of its discharges of stormwater to surface water and/ or groundwater;

or

- (iii) All industrial activity has ceased and no “significant material” remains exposed to stormwater.

or

- (iv) PERMANENT NO EXPOSURE - All industrial materials are stored and/or all industrial activities are performed (with limited exceptions) inside a permanent building or permanent structure that is anchored to a permanent foundation and that is completely roofed and walled.

or

- (v) The business or agency is SIC Code 40-45 (except 4221-4225), and 5171 and is not involved in vehicle maintenance (including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication), equipment cleaning operations, or airport de-icing operations.

If exemptions to (i) through (v) above are met, then a non-applicability form ("NAF") must be submitted. If your facility is claiming "Permanent No Exposure" a Permanent No Exposure Certification must be submitted with the NAF.

Please fill in SIC Code_____

D. Pretreatment and Residuals

(609) 633-3823

YES

NO

1. *Will the project involve the discharge of industrial/commercial wastewater, either alone or combined with sanitary sewage, to a publicly owned treatment works (POTW)? If "Yes," go to Question 2.* _____
2. *Is the POTW a delegated local agency (See Attachment H)? If "Yes," contact the POTW to determine if a permit is required. If "No," or "Unsure," contact The Bureau of Pretreatment and Residuals.* _____
3. *Will the project involve land application of sewage sludge?* _____
4. *Will the project involve processing of sewage sludge and/or the distribution of sludge derived products from processes such as composting, alkaline stabilization, heat drying, or pelletization?* _____
5. *Will the project involve the use of phragmites reed beds for sewage sludge management?* _____
6. *Will the project involve the storage and/or transfer of sewage sludge?* _____
7. *Will the project involve the distribution and land application of food processing residuals and/or food processing vegetative waste or other residual resulting from the treatment of wastewater?* _____

VI. PESTICIDE CONTROL

(609) 530-4070

The **Pesticide Control Program** (<http://www.state.nj.us/dep/enforcement/pcp/>) enforces federal and state laws and regulations regarding pesticides.

	<u>YES</u>	<u>NO</u>
1. Will the facility be involved in the manufacture or formulation of pesticides?	_____	_____
2. Will the facility/project involve research on or the experimental use of pesticides?	_____	_____
3. Will the project result in the application of pesticides to aquatic sites?	_____	_____
4. Will the facility perform it's own in-house pest management using pesticides (including insecticides, herbicides, and/or fumigant)?	_____	_____

VII. RADIATION PROTECTION AND RELEASE PREVENTION

A. The Radiation Protection Program (609) 984-5636 <http://www.state.nj.us/dep/rpp/index.htm>

1. Will the operation receive, acquire possess, own, use, transfer, store, dispose of, distribute or arrange for the distribution, produce, sell, lease, or transport radioactive materials or radioactive waste?	_____	_____
2. Is the operation licensed by the U.S. Nuclear Regulatory Commission, or the State of New Jersey, to conduct any of the activities listed in Question 1?	_____	_____
3. Will the operation discharge radioactive materials or waste into the air, into water, onto soil or into a sewer pipe?	_____	_____
4. Will the operation involve the use of any of the following radiation producing machines?	_____	_____
_____ Particle accelerator		
_____ Analytical x-ray		
_____ Medical x-ray		
_____ Dental x-ray		
_____ Radiation therapy		
_____ Radio frequency or microwave heater, sealer or industrial oven		
_____ Other (describe) _____		

B. Toxic Catastrophe Prevention Act (TCPA) Program (609) 633-0610 <http://www.nj.gov/dep/rpp/brp/>

1. Will any processes at this site handle, use, store, manufacture, or generate, at any time, any of the Extraordinarily Hazardous Substances (EHSs) listed in Part A, B,C, or D of Table I of N.J.A.C. 7:31-6.3 which is included as Attachment I? If "Yes," proceed to Question 2.	_____	_____
--	-------	-------

- | | <u>YES</u> | <u>NO</u> |
|---|-------------------|------------------|
| 2. <i>Will any processes at this site handle, use, manufacture, or store at least the threshold quantity established for that EHS, or does it generate within one hour, at least the threshold quantity for that EHS in Part A, B, C, or D of Table I of N.J.A.C. 7:31-6.3?</i> | _____ | _____ |

If “Yes,” then list below each process with each EHS and the quantity planned, in pounds. Include storage vessels such as all stored shipping containers and tank cars.

C. Discharge Prevention (DPCC) Program

<http://www.nj.gov/dep/rpp/brp/index.htm>

(609) 633-0610

Definitions: N.J.A.C. 7:1E-1.6

“Major Facility” means all facilities, located on one or more contiguous or adjacent properties, owned or operated by the same person, having total combined storage capacity of:

- (1) 20,000 gallons or more for hazardous substances other than petroleum or petroleum products;
- (2) 200,000 gallons or more for hazardous substances of all kinds; or
- (3) an appropriate equivalent measure as defined at N.J.A.C. 7:1E-1.6 for hazardous substances which are not commonly measured by volume.

A vessel shall be considered a major facility only when hazardous substances are transferred between vessels.

“Transmission Pipeline” means new and existing pipe and any equipment, facility, rights-of-way, or building used or intended for use in the transportation of a hazardous substance by a pipeline and having a throughput capacity of 140 gallons per minute (530 liters per minute) or greater. This term does not include the transportation of a hazardous substance through onshore production or flow lines, refining, or manufacturing facility, or storage terminals or implant piping systems associated with those facilities. Any pipe used or intended for use in the transportation of a hazardous substance, which is not a transmission pipeline, will be considered an in-facility pipe. A transmission pipeline is not a major facility.

- | | <u>YES</u> | <u>NO</u> |
|--|-------------------|------------------|
| <i>Is your facility now, or will the construction project cause your facility to be, designated as a “Major Facility”?</i> | | |
| If “Yes,” then you need to submit a plan for approval. | _____ | _____ |

	<u>YES</u>	<u>NO</u>
<i>Do you currently operate or will you operate a "Transmission Pipeline"?</i>		
<i>If "Yes", then you need to submit a registration</i>	_____	_____
<i>Is your facility currently participating in the Silver & Gold Track for Environmental Performance with a signed covenant?</i>	_____	_____

VIII. SITE REMEDIATION

Office of Community Relations (609) 984-3081

The **Site Remediation Program** (<http://www.state.nj.us/dep/srp/index.htm>) protects public health and the environment by implementing remedial activities utilizing public funds; oversees the cleanup of sites being remediated by both responsible and other parties; and acts as lead agency for emergency and spill activities related to hazardous substances and wastes.

1. *Is this a site remediation project?* _____
2. *If this is a site remediation project, please provide the following information:*
 - a. Case Manager's Name _____
 - b. Bureau _____
 - c. Telephone Number _____
 - d. Case Number _____
3. *Will a NJPDES/DGW permit be necessary for remedial activities?* _____
4. *Is this project a potential Brownfields Redevelopment project as defined in the Brownfield and Contaminated Site Remediation Act N.J.S.A. 58:10B-12? If "Yes," please call (609) 292-1250.* _____

A. Underground Storage Tanks (609) 292-8761

1. *Does the project/facility include any existing or proposed underground storage tank (UST) systems which contain or contained (a) any hazardous substances or (b) hazardous wastes of any quantity which are regulated pursuant to N.J.A.C. 7:14B-1 et seq.?* _____
2. *If a regulated UST exists, is the UST registered in good standing with the NJDEP and has NJDEP received payment for all past and current registration fees for this UST? If no or the answer is unknown, please contact the Registration and Billing Section at (609) 292-2827 or (609) 292-2817.* _____
3. *Do you intend to remove or abandon in place any existing UST system? If "Yes," apply for a Closure Plan Approval or 14 Day Notice of Intent to Close an UST System per N.J.A.C. 7:14B-9.* _____

All regulated UST systems installed prior to December 22, 1988 that did not have corrosion protection, spill prevention and overflow protection by December 22, 1998 must be removed or abandoned in place in accordance with N.J.A.C. 7:14B-9. All regulated UST systems installed on or after December 22, 1998 must have all of the above stated requirements plus release detection monitoring of the tanks and the piping in accordance with N.J.A.C. 7:14B-6 before being put into service. Additional requirements/prohibitions for UST's located in Wellhead Protection Areas are listed in N.J.A.C. 7:14B-4 and 10.

All UST systems containing hazardous substances other than petroleum products and waste oil must be secondarily contained with interstitial monitoring of the tanks and the piping.

YES NO

Does the existing or proposed regulated UST Systems meet the tank and piping standards and release detection monitoring requirements as outlined above? If "No" apply for a Closure Plan Approval, a 14-Day Notice of Intent to Close an UST System, or a Substantial Modification/New Installation Permit. (You do not need to apply for a Substantial Modification/New Installation Permit if the UST system meets one of the permit exemptions listed in N.J.A.C. 7:14B-10.) If you have any questions call (609) 633-0708.

B. Office of Dredging and Sediment Technology (609) 292-1250

The **Office of Dredging and Sediment Technology (ODST)** is responsible for all waterfront development dredging applications and all applications dealing with ports, maritime commerce, and Water Certifications dealing with disposal of dredged materials.

1. *Does the project involve dredging and/or disposal of dredged materials?* _____
2. *Does the project include marina development or support facilities at legally existing or operational commercial marinas?* _____

C. Solid and Hazardous Waste Management Program

The **Solid and Hazardous Waste Management Program** (<http://www.state.nj.us/dep/dshw/>) is responsible for evaluating the design and operation of solid waste, hazardous waste and recycling facilities to ensure such activities are protective of our state's natural resources and the health and quality of life of its citizens. This is accomplished through the implementation of the permit and approval requirements adopted by the Department pursuant to the Solid Waste Management Act. The Program reviews and approves facility designs and operating plans, evaluates construction and monitoring reports and oversees closure and post-closure care activities at regulated facilities. Such facilities include solid waste (landfills, incinerators, and transfer stations) operations, hazardous waste (storage/treatment, incinerators, and land disposal) operations and recycling (bulky materials, vegetative materials, used oil and discarded consumer electronics) operations.

YES

NO

1. **Solid Waste Management** (609) 984-6650

Will the project include the construction and/or operation of a facility for any of the following solid waste activities as defined at N.J.A.C. 7:26-1 et seq.? If "Yes," check the appropriate item(s) below.

<input type="checkbox"/> Landfilling	<input type="checkbox"/> Recycling
<input type="checkbox"/> Resource Recovery	<input type="checkbox"/> Materials Recovery
<input type="checkbox"/> Incineration	<input type="checkbox"/> Medical waste treatment and/or disposal
<input type="checkbox"/> Heat recovery from waste	<input type="checkbox"/> Transfer station
<input type="checkbox"/> Composting	<input type="checkbox"/> Disruption of a closed or existing landfill
<input type="checkbox"/> Closing of an existing landfill	<input type="checkbox"/> Intermodal Container Facility
<input type="checkbox"/> Landfill development for beneficial use	
<input type="checkbox"/> Other (describe) _____	

Is your project included in the county solid waste management plan of the county in which you plan to construct and operate the facility?

Will you be engaged in the act of picking up solid, chemical, medical or liquid waste and/or the transporting of such waste (i.e., being a collector/hauler/transporter of such waste)?

Will the project involve beneficial use of any waste or materials?

2. **Recycling Management** (609) 984-5950

Will your project include recycling activities as defined at N.J.A.C. 7:26A-1 et seq.? If "Yes," check the appropriate item(s) below.

<input type="checkbox"/> Used Oil transfer and/or processing	<input type="checkbox"/> Brush, tree parts processing/recycling
<input type="checkbox"/> Grass Composting	<input type="checkbox"/> C&D processing/recycling
<input type="checkbox"/> Leaf Composting	<input type="checkbox"/> Contaminated soil processing/recycling
<input type="checkbox"/> Other residual processing/recycling	
<input type="checkbox"/> Other composting(describe) _____	

Is your project included in the county solid waste management plan of the county in which you plan to construct and operate the facility?

3. **Hazardous Waste Engineering and Transfer Facilities** (609) 292-9880

Will the proposed activity involve the generation of any hazardous waste as defined in 40 C.F.R. Part 261?

If "Yes," check the maximum amount to be generated:

_____ <100 kg/month
_____ >100 kg/month but <1,000 kg/month
_____ >1,000 kg/month

If "Yes," check the mode(s) of accumulations, if applicable:

_____ Containers _____ Tanks
_____ Drip pads _____ Containment buildings
_____ Other (describe) _____

YES NO

Will the proposed activity involve the on-site treatment, storage, or disposal of hazardous waste as defined in 40 C.F.R. Parts 260-270?

If "Yes," briefly describe storage, treatment or disposal:

If "Yes," check appropriate item(s):

_____ Hazardous wastes will not be accepted from off-site source(s)
_____ Hazardous wastes will be accepted from off-site inter-company source(s)
_____ Hazardous wastes will be accepted from off-site intra-company source(s)
_____ Total on-site capacity to handle hazardous waste at any one time will be greater than the equivalent of 250,000 gallons

IX. NATURAL RESOURCES

A. Division of Fish and Wildlife

(609) 292-2965

The **Division of Fish and Wildlife** (<http://www.state.nj.us/dep/fgw/>) is responsible for protecting the state's wildlife resources and their associated habitats. The Division of Fish and Wildlife also coordinates recommendations from its technical experts on the impacts of various types of development on wildlife and protects their habitat.

YES NO

1. *Does your proposed project involve the shut-off or draw-off of the waters of any pond, stream or lake, or the placing of a screen in a pond, lake or stream? If "Yes," call Freshwater Fisheries at (908) 236-2118 for a Water Lowering Permit Application.*
2. *Does your project involve the collecting, transporting or handling of fish and/or wildlife species? If "Yes," please call the appropriate number for a scientific collecting permit application.*

Freshwater Fish - Freshwater Fisheries (909) 236-2118
 Marine Fish & Shellfish - Marine Fisheries (609) 292-7794
 Shellfish In Water Not Approved For Harvest - Marine Water Monitoring (609) 748-2000
 All Other Species - Wildlife Permitting (908) 735-5450

- | | | |
|---|------------|-----------|
| | <u>YES</u> | <u>NO</u> |
| 3. Does your project involve the stocking or aquaculture of any freshwater fish, marine fish, or shellfish? If "Yes," please call the appropriate number for a fish stocking application. | _____ | _____ |

Freshwater - Freshwater Fisheries (908) 236-2118
 Marine Waters - Marine Fisheries (609) 292-7794

For aquaculture related activities, contact the New Jersey Department of Agriculture (NJDA) (609) 984-2502. The NJDA will provide information for closed systems (NJDA purview), not connected to open State waters, or open systems (NJDEP purview)

4. Does your project involve the possession of wildlife species? If "yes" please call:

For Game Species - Wildlife Permitting (609) 292-2966
 For nongame/exotic species - Wildlife Permitting (908) 735-5450

B. Dam Safety (609) 984-0859

The **Dam Safety Program** (<http://www.state.nj.us/dep/nhr/engineering/damsafety/>) regulates the construction and maintenance of dams in order to ensure their safety.

Will your project/facility involve the construction, repair or modification of a dam which impounds water on a permanent or temporary basis and that raises the water of a river or stream more than five feet?

C. Green Acres Program (GAP) (609) 984-0631

When a local unit accepts **GAP** (<http://www.state.nj.us/dep/greenacres/>) funding for the acquisition or development of parkland, the funded parcels and facilities and all other lands held by the local unit for conservation and recreation purposes come under GAP jurisdiction. Any disposal or change in use of these lands for other than conservation or recreation purposes is a diversion. Diversions require prior approval through GAP by the Commissioner of the Department and the State House Commission.

The GAP also acquires state owned lands administered by the Division of Fish, Game and Wildlife and the Division of Parks and Forestry.

1. Is your project located on lands which are currently or formerly owned by a municipality, county, or the state, or does the project directly impact such lands? If "Yes," for municipal or county lands please

	<u>YES</u>	<u>NO</u>
contact the local unit and answer Question 2. For state owned impacted lands, contact the GAP as described	_____	_____

To answer this question please review the following list of items to check for the possibility of a GAP encumbrance.

- a. Green Acres Contract or Agreement;
- b. Recreation and Open Space Inventory;
- c. Deed, Easements, Restrictions as to Land Use;
- d. Current and Past Land Use;
- e. Local Unit Actions such as Resolutions, Ordinances, Dedications, Expenditures, Permits or Approvals etc., for Conservation or Recreation Uses; and
- f. Official Map, Master Plan Information

- | | | |
|---|-------|-------|
| 1. <i>Has the local unit ever received GAP funds?</i> | _____ | _____ |
| 2. <i>If "Yes", did the local unit hold the project lands for conservation or recreation purposes at the time of GAP funding?</i> | _____ | _____ |

If you would like GAP to review its files, please send a letter identifying the block and lot, intended use, and a general and specific site locator map using the USGS topographic quadrangle, tax map, and site plans to:

Green Acres Program
Bureau of Legal Services and Stewardship
PO Box 412
Trenton, New Jersey 08625-0412

D. HISTORIC PRESERVATION (609) 292-0061

The **Historic Preservation Office** (<http://www.state.nj.us/dep/hpo/>) is responsible for the identification, evaluation and protection of historic resources.

- | | | |
|---|---------------------------|-------------|
| 1. <i>Will the project have any federal involvement? If "Yes," please check appropriate category.</i> | _____ | _____ |
| _____Funds | _____Certificate | _____Loan |
| _____License | _____Authorization | _____Permit |
| _____Superfund | _____Financial Guarantees | |

Name agencies and source:

	<u>YES</u>	<u>NO</u>
2. <i>To the best of your knowledge, will the project require a permit(s) from the Department's Land Use Regulation Program? If "Yes," please name the permit(s):</i>	_____	_____

3. <i>Will the project be funded in any part by state, county or municipal funds? Identify source and type.</i>	_____	_____

4. <i>Is the project all, or in part, an undertaking by (a) state, county or municipal government or by (b) an agent or lessee or state, county or municipal government? If "Yes," please explain involvement:</i>	_____	_____

5. <i>Will the project be financed through the New Jersey Wastewater Treatment Trust or Fund?</i>	_____	_____
6. <i>Is there a district, building, structure, or archaeological site listed or eligible for listing in the New Jersey Register of Historic Places or National Register of Historic Places on or within 1/4 mile of the project site?</i>	_____	_____
7. <i>Does the project involve any modification, removal, or demolition of a building, structure, or machinery over 50 years old?</i>	_____	_____
8. <i>Has a professional architectural or archaeological survey ever been undertaken at any time in the project area? If "Yes," identify the survey title, surveyor, and date of survey if known.</i>	_____	_____

9. <i>Have people, groups, or agencies expressed concern regarding pre-historic or historic archaeological sites, historic buildings, historic structures, or ruins of buildings or structures in the vicinity or the project site relative to real or perceived impacts from the planned project?</i>	_____	_____

	<u>YES</u>	<u>NO</u>
10. Has the municipal historic preservation commission, landmarks commission, or historic preservation committee commented on the propose project?	_____	_____

X. INNOVATIVE ENVIRONMENTAL TECHNOLOGY (609) 292-0125

The **Bureau of Sustainable Communities and Innovative Technologies** implements the overall intent of the Energy and Environmental Technology Verification (EETV) Act (N.J.S.A. 13:1D-134 through 137), whereby a verification/certification process was defined to approve innovative energy and environmental technologies for use in New Jersey. Approving an innovative technology for use requires verification of the technology's performance claims by the New Jersey Corporation of Advanced Technology (NJCAT), an independent third-party entity, and certification by the New Jersey Department of Environmental Protection (NJDEP). Verification of the innovative energy or environmental technology must satisfy the following:

- The use of the technology must satisfy the regulatory requirements of the respective permitting programs within the NJDEP;
- The technology must be developed with acceptable scientific and engineering principles;
- The technology must be qualitatively and quantitatively shown to provide a net beneficial effect to the environment and human health in New Jersey; and
- The technology must have a positive impact on the economy of New Jersey

Obtaining a certification from the NJDEP would provide the following benefits:

- 1) The programs that issue permits can rely on the evaluation and verification process to establish contract provisions, protocols, policies, principles and/or technical guidance to develop expedited or more efficient timeframes for the review and decision-making of permits or approvals associated with the technology;
- 2) The technology will be included in outreach and education seminars to assist in its deployment and expedited commercial use; and
- 3) The technology will be included in State bid specifications, as deemed appropriate by the State Treasurer.

Information regarding the EETV Act and the verification/certification program is available at <http://www.state.nj.us/dep/dsr/bscit.htm> .

ATTACHMENT A

MUNICIPALITIES WITHIN THE COASTAL AREA

ATLANTIC COUNTY

Absecon City
Atlantic City
Brigantine City
Corbin City
Egg Harbor City
Egg Harbor Township
Estell Manor Township

Galloway Township
Hamilton Township
Linwood City
Longport Borough
Margate City
Mullica Township

Northfield City
Pleasantville City
Port Republic City
Somers Point City
Ventnor City
Weymouth Township

BURLINGTON COUNTY

Bass River Township

Washington Township

CAPE MAY COUNTY

Avalon Borough
Cape May City
Cape May Point Borough
Dennis Township
Lower Township
Middle Township

North Wildwood City
Ocean City
Sea Isle City
Stone Harbor Borough
Upper Township

West Cape May Borough
West Wildwood Borough
Wildwood City
West Wildwood Crest Borough
Woodbine Borough

CUMBERLAND COUNTY

Bridgeton City
Commercial Township
Downe Township
Fairfield Township

Greenwich Township
Hopewell Township
Lawrenceville Township

Maurice River Township
Millville City
Slow Creek Township

MIDDLESEX COUNTY

Old Bridge Township (Madison)

MONMOUTH COUNTY

Aberdeen Township (Matawan)
Aberdeen Borough (Matawan)
Allenhurst City
Asbury Park City
Atlantic Highlands Borough
Avon-by-the-Sea Borough
Belmar Borough
Bradley Beach Borough
Brielle Borough
Deal Borough
Eatontown Borough
Fair Haven Borough
Hazlet Township

Highlands Borough
Holmdel Township
Interlaken Borough
Keansburg Borough
Keyport Borough
Little Silver Borough
Loch Arbour Village
Long Branch City
Manasquan Borough
Middletown Township
Monmouth Beach Borough
Neptune City

Ocean Township
Oceanport Borough
Red Bank City
Rumson Borough
Sea Bright Borough
Sea Girt Borough
Shrewsbury Borough
South Belmar Borough
Spring Lake Borough
Union Beach Borough
Wall Township
West Long Branch Borough

OCEAN COUNTY

Barnegat Light Borough
Barnegat Township (Union)
Bay Head Borough
Beach Haven Borough
Beachwood Borough
Berkeley Township
Brick Township
Dover Township
Eagleswood Township
Harvey Cedars
Island Heights Borough

Jackson Township
Lacey Township
Lakehurst Borough
Lakewood Township
Lavallette Township
Little Egg Harbor Township
Long Beach Township
Manchester Township
Mantoloking Borough
Ocean Gate Township

Pine Beach Borough
Point Pleasant Beach Borough
Point Pleasant Borough
Seaside Heights Borough
Seaside Park Borough
Ship Bottom Borough
South Toms River Borough
Stafford Township
Surf City Borough
Tuckerton Borough

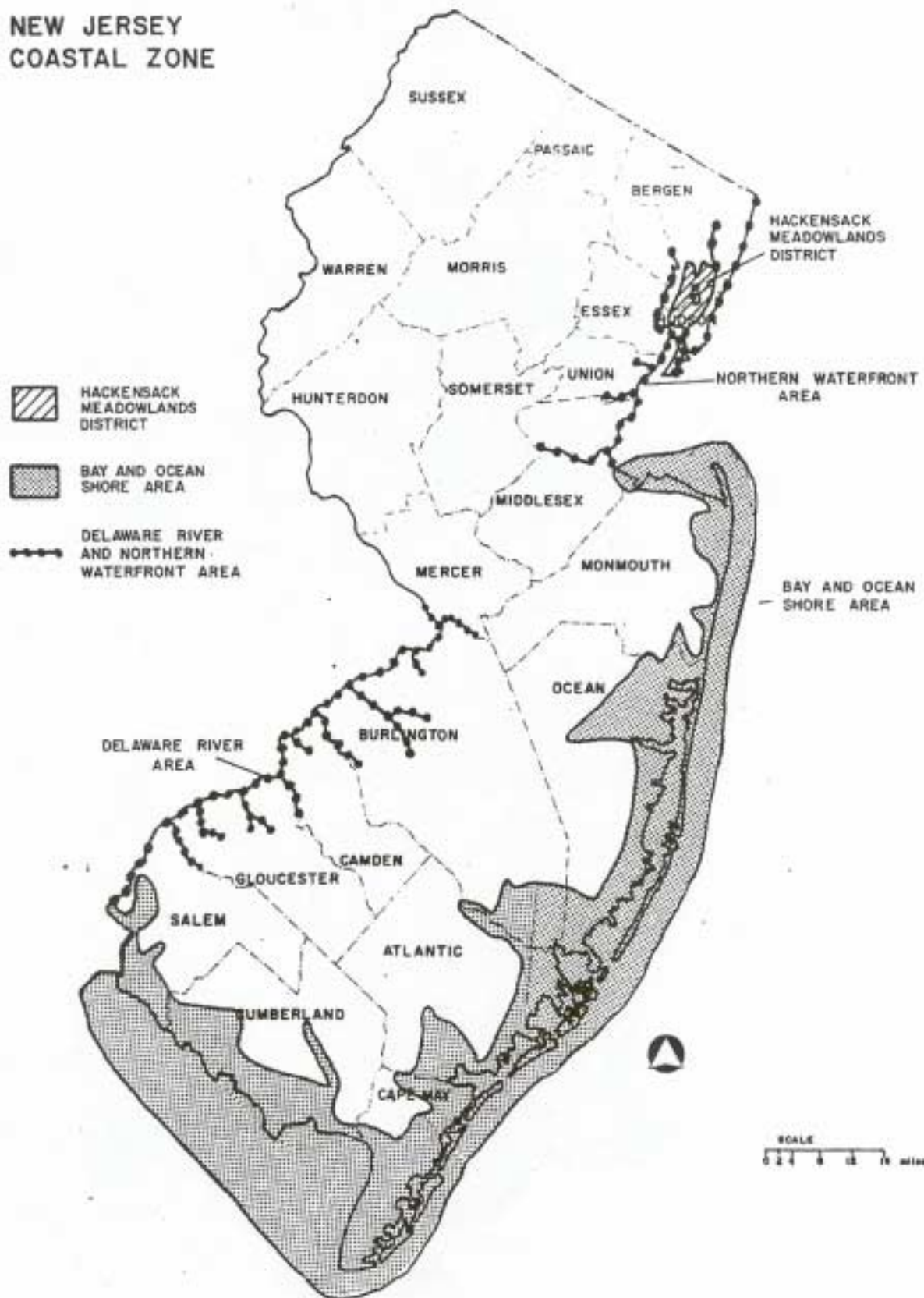
SALEM COUNTY

Alloway Township (not in CAFRA)
Elsinboro Township
Lower Alloways Creek Township

Mannington Township
Pennsville Township
Quinton Township

Salem City
Upper Penns Neck

NEW JERSEY COASTAL ZONE



ATTACHMENT B

MUNICIPALITIES WITHIN THE PINELANDS AREA

ATLANTIC COUNTY

Brigantine City	x Egg Harbor Township	* x Hammontown Town
x Buena Vista Borough	x Estell Manor City	* x Mullica Township
x Buena Vista Township	* x Folsom Borough	x Port Republic City
x Corbin City	x Galloway Township	Somers Point City
* x Egg Harbor City	x Hamilton Township	x Weymouth Township

BURLINGTON COUNTY

x Bass River Township	x North Hanover Township	* x Tabernacle Township
x Evesham Township	x Pemberton Township	* x Washington Township (1)
* x Medford Lakes Borough	* x Shamong Township	* x Woodland Township
x Medford Township	x Southampton Township	x Wrightstown Borough
x New hanover Township	x Springfield Township	

CAMDEN COUNTY

x Berlin Borough	* x Chesilhurst Borough	* x Waterford Township
x Berlin Township	x Winslow Township	

CAPE MAY COUNTY

x Dennis Township	x Upper Township	x Woodbine Borough
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CUMBERLAND COUNTY

x Maurice River Township	x Vineland City
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OCEAN COUNTY

x Barnegat Township	x Jackson Township	x Ocean Township
x Beachwood Borough	x Lacey Township	x Plumstead Township
Berkeley Township	x Lakehurst Borough	South Toms River Borough
x Dover Township	x Little Egg Harbor Township	x Stafford Township
x Eagleswood Township	x Manchester Township	Tuckerton Borough

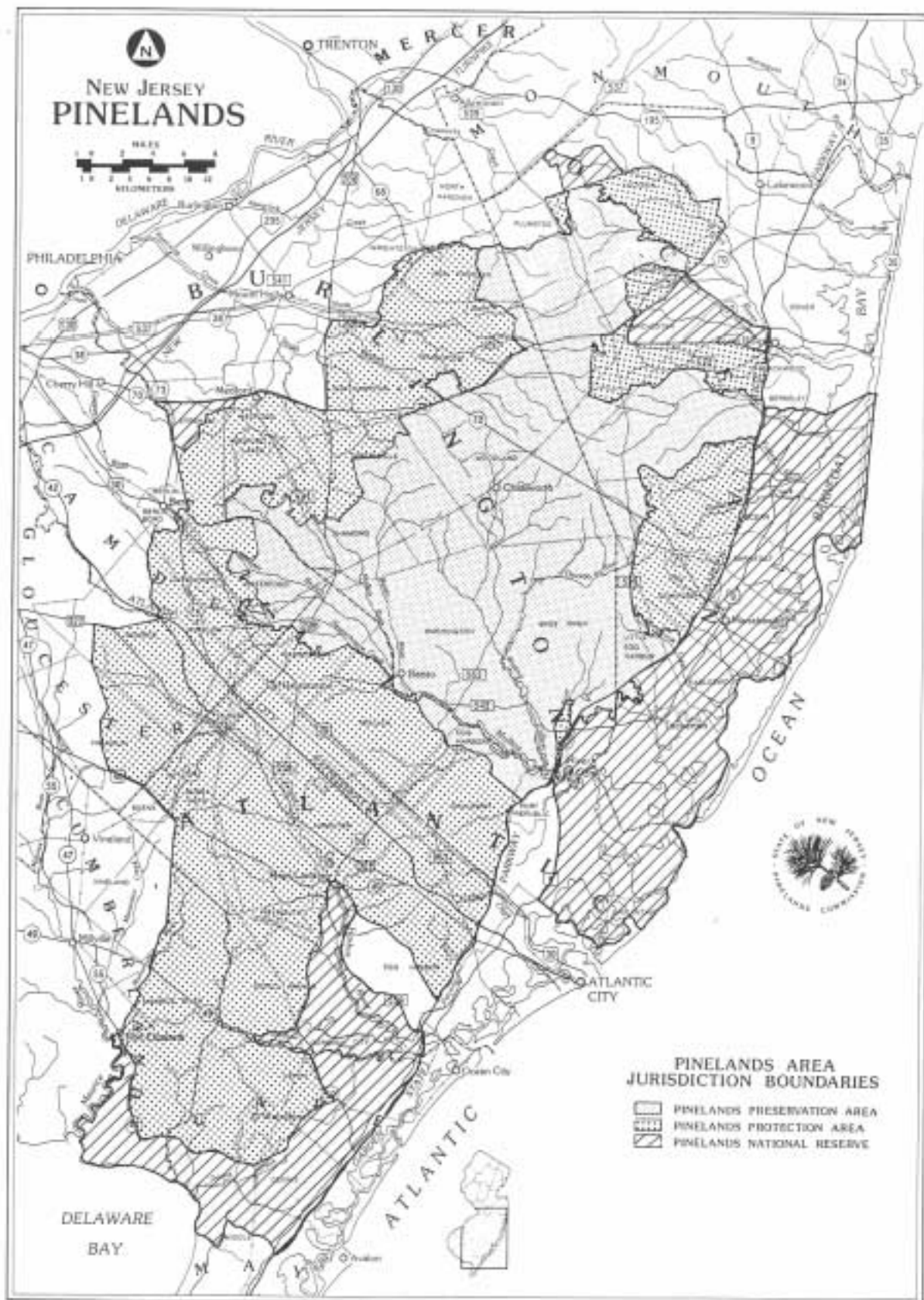
GLOUCESTER COUNTY

x Franklin Township	x Monroe Township
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x - Municipalities certified by the Pinelands Commission as of January 1997. This means that the land use ordinances and master plans of these municipalities contain the rules found in the Pinelands Comprehensive Management Plan (N.J.A.C. 7:50-1.1 et seq). As a result, the municipal zoning officer can give information on regulations, permitted uses, lot sizes and application procedures for the Pinelands area. The municipal zoning officer also has Natural Resources Inventory, which can assist in determining whether environmental problems may exist in a certain area.

* - Municipalities located entirely within the State Pinelands Area

(1) Not entirely in Pinelands. Portion in CAFRA zone. CAFRA has jurisdiction in the Pinelands National Reserve, but not in the Preservation or Protection Areas.



ATTACHMENT C

MUNICIPALITIES WITHIN THE DELAWARE AND RARITAN CANAL AREA

HUNTERDON COUNTY

Delaware Township	Kingwood Township	Stockton
East Amwell Township	Lambertville	West Amwell Township
Franklin Township	Raritan Township	

MERCER COUNTY

East Windsor Township	Hopewell Township	Princeton Township
Ewing Township	Lawrence Township	Trenton
Hamilton Township	Pennington	Washington Township
Hightstown	Princeton Borough	West Windsor Township
Hopewell Borough		

MIDDLESEX COUNTY

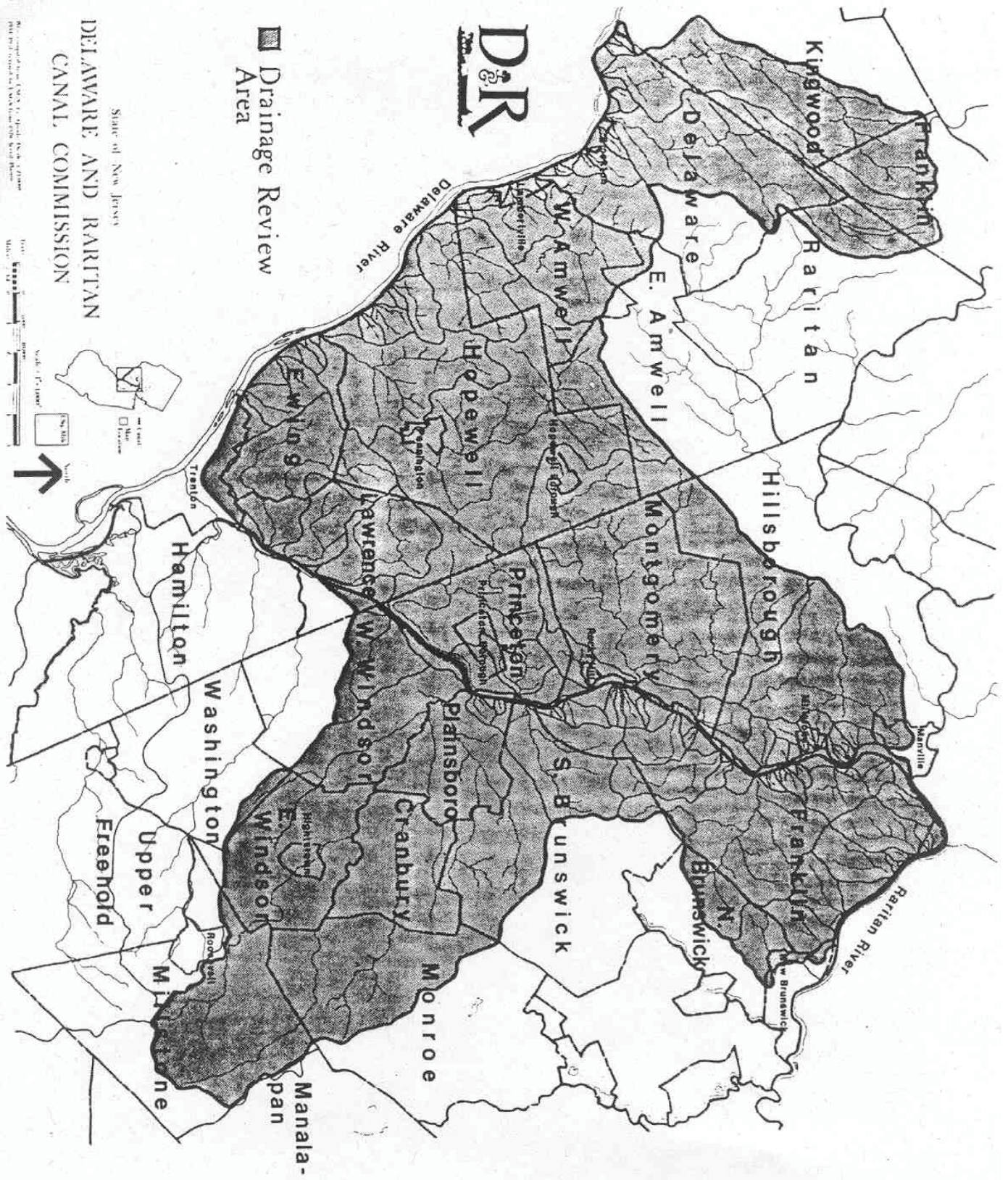
Cranbury Township	New Brunswick	Plainsboro Township
Monroe Township	North Brunswick Township	South Brunswick Township

MONMOUTH COUNTY

Millstone Township

SOMERSET COUNTY

Franklin Township	Millstone	Rocky Hill
Hillsborough	Montgomery Township	South Bound Brook
Manville		

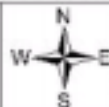
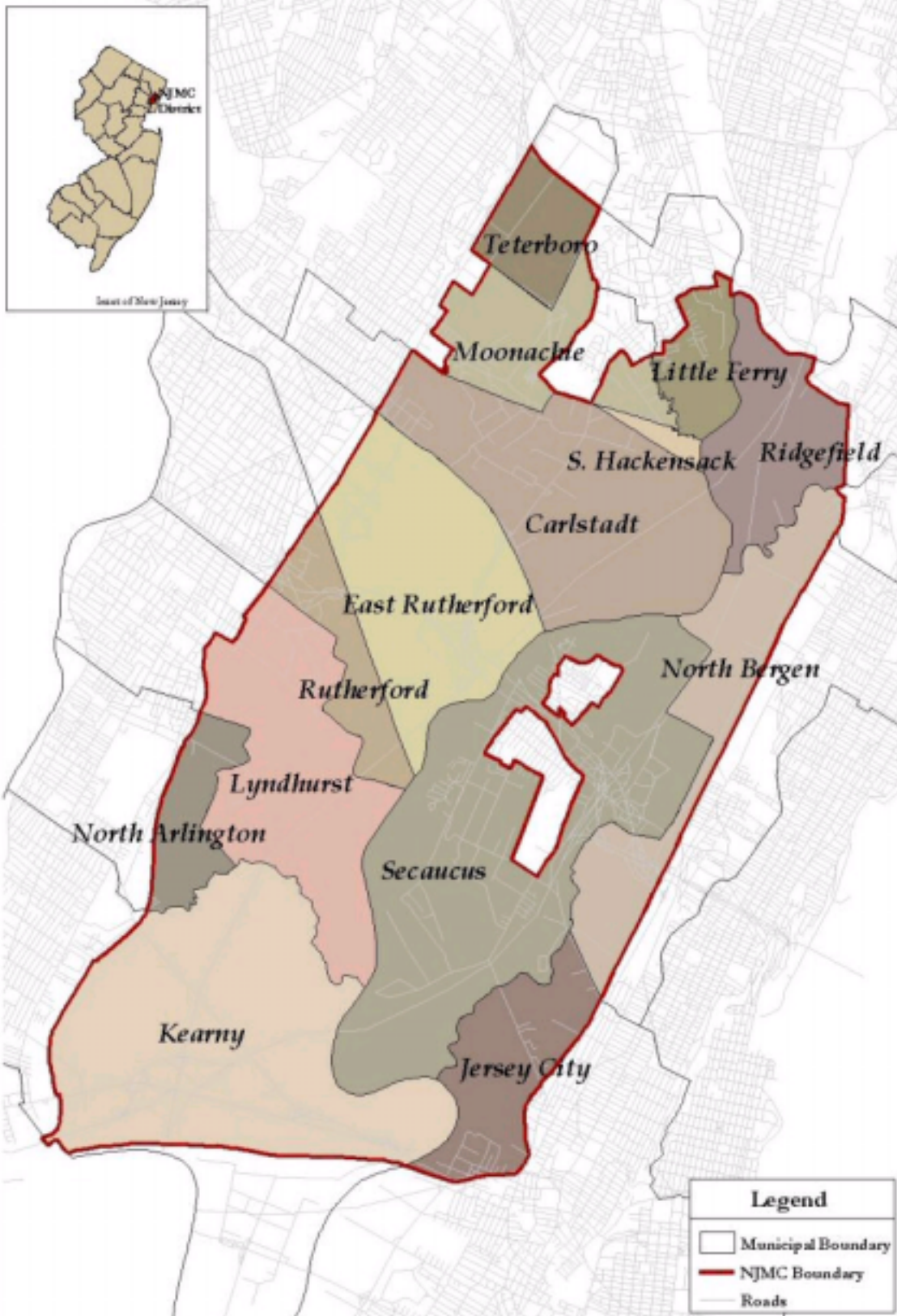


ATTACHMENT D

MASTER PLAN

DISTRICT MUNICIPALITIES

New Jersey Meadowlands Commission



PROJECTION: STATE PLANE
 UNITS: FEET
 DATUM: NAD83
 SOURCE OF DATA: NJMC,
 NJDEP & NJDOT
 DATE: JANUARY 2004



Map 2

ATTACHMENT E

Point Source Permitting Regions in the Watershed Management Areas



Last revision: March 28, 2000

ATTACHMENT F

SUMMARY OF STANDARD INDUSTRIAL CODES (SIC)

10	Metal Mining
12	Coal Mining
13	Oil and Gas Extraction
14	Mining and Quarrying of Nonmetallic Minerals Except Fuels
20	Food and Kindred Products
21	Tobacco Products
22	Textile Mill Products
23	Apparel and Other Finished Products made from Fabrics and Similar Materials
24	Lumber and Wood Products, Except Furniture
2434	Wood Kitchen Cabinets
25	Furniture and Fixtures
26	Paper and Allied Products
265	Paperboard Containers and Boxes
267	Converted Paper and Paperboard Products, Except Containers and Boxes
27	Printing, Publishing and Allied Industries
28	Chemicals and Allied Products
283	Drugs
285	Paints, Varnishes, Lacquers, Enamels and Allied Products
29	Petroleum Refining and Related Industries
30	Rubber and Miscellaneous Plastic Products
31	Leather and Leather Products
311	Leather Tanning and Finishing
32	Stone, Clay, Glass and Concrete Products
323	Glass Products, made of Purchased Glass
33	Primary Metal Industries
34	Fabricated Metal Products, Except Machinery and Transportation Equipment
3441	Fabricated Structural Metal
35	Industrial and Commercial Machinery and Computer Equipment
36	Electronic and Other Electrical Equipment and Components, Except Computer Equipment
37	Transportation Equipment
373	Ship and Boat Building and Repairing
38	Measuring, Analyzing and Controlling Instruments; Photographic, Medical & Optical Goods; Watches & Clocks
39	Miscellaneous Manufacturing Industries
40	Railroad Transportation
41	Local and Suburban Transit and Interurban Highway Passenger Transportation
42	Motor Freight Transportation and Warehousing
4221	Farm Product Warehousing and Storage
4225	General Warehousing and Storage
43	United States Postal Service
44	Water Transportation
45	Transportation By Air
5015	Motor Vehicle Parts, Used
5093	Scrap and Waste Materials
5171	Petroleum Bulk Stations and Terminals

Source: Executive Office of the President, Office of Management and Budget, STANDARD INDUSTRIAL CLASSIFICATION MANUAL, 1987

Summary of NAIC Codes can be found at: www.census.gov/epcd/www/naics.html

ATTACHMENT G

DELEGATED LOCAL TREATMENT WORKS FACILITIES IN NEW JERSEY

The list of Delegated Local Agencies is subject to change and is under review as of June 2006. Also, the service areas of Delegated Local Agencies change as new sewers are constructed. Therefore, it is advisable to contact the Department if you are unaware of the proper receiving agency. A list of Delegated Local Agencies as of June, 2006 is:

Bayshore Regional Sewerage Authority	732-739-1095	Bergen County Utilities Authority	201-807-8661
Camden County Municipal Utilities Authority	609-541-5200	Ewing Lawrence Sewerage Authority	609-587-4061
Gloucester County Utilities Authority	856-423-3500	Township of Hamilton (in Mercer County)	609-581-4140
Hanover Sewerage Authority	973-428-2500	Joint Meeting of Essex & Union Counties	908-353-1313
Linden Roselle Sewerage Authority	908-862-7100	Middlesex County Utilities Authority	732-721-3800
Township. of Morris (not City of Morristown)	973-326-7440	Mount Holly Sewerage Authority	609-267-1110
Township of North Bergen M.U.A.	201-392-0571	Northwest Bergen County U.A.	201-447-2660
Ocean County Utilities Authority	732-269-4500	Passaic Valley Sewerage Commissioners	973-817-5710
Rahway Valley Sewerage Authority	732-388-4749	Rockaway Valley Regional S.A.	973-263-1555
Somerset Raritan Valley S.A.	732-469-0593	Stony Brook Regional S.A.	609-924-8881
City of Trenton Sewer Utility	609-989-3097	Two Bridges Sewerage Authority	973-696-4494
Township of Wayne	973-694-1800	Cumberland County U.A.	856-455-7120

ATTACHMENT H

TCPA EXTRAORDINARILY HAZARDOUS SUBSTANCE (EHS) LIST

The EHS list and related provisions are found at N.J.A.C. 7:31-6. The substances listed in Table I, Parts A, B and C, constitute the Department's extraordinarily hazardous substance list. For substances listed with both New Jersey and EPA threshold quantities in Part A, the lower threshold applies. For substances with no New Jersey threshold quantity, the EPA threshold applies. The threshold quantity is that quantity in a process at any time or that quantity generated by a process within one hour.

Table I, Part A

Name of Extraordinarily Hazardous Substance (EHS)	CAS #	New Jersey Threshold Quantity (Pounds)	EPA Threshold Quantity (Pounds)
Group I			
Hydrogen chloride (HCl)	7647-01-0	2,000	5,000
*Hydrochloric acid 36 percent by weight or more HCl	7647-01-0	5,600	
Allyl chloride	107-05-1	2,000	
Hydrogen cyanide (hydrocyanic acid)	74-90-8	500	2,500
*Hydrogen fluoride (HF)	7664-39-3	500	
*Hydrofluoric acid 70 percent by weight or more HF	7664-39-3	700	
Chlorine	7782-50-5	1,000	2,500
Phosphorus trichloride	7719-12-2	500	15,000
Hydrogen sulfide	7783-06-4	1,000	10,000
Phosgene	75-44-5	100	500
Bromine	7726-95-6	1,000	10,000
Methyl isocyanate	624-83-9	100	10,000
Toluene-2,4-diisocyanate	584-84-9	10,000	10,000
Toluene-2,4-diisocyanate (mixture with Toluene-2,6-diisocyanate, unspecified isomer)	26471-62-5	10,000	10,000
Group II			
Acetaldehyde	75-07-0	4,900	10,000
Acrolein	107-02-8	200	5,000

Name of Extraordinarily Hazardous Substance (EHS)	CAS #	New Jersey Threshold Quantity (Pounds)	EPA Threshold Quantity (Pounds)
Acrylonitrile	107-13-1	2,300	20,000
Allylamine	107-11-9	1,200	10,000
Ammonia (NH ₃)	7664-41-7	5,200	10,000
*Ammonia (ammonium hydroxide) 28 percent by weight or more NH ₃	1336-21-6	19,000	
Arsine	7784-42-1	60	1,000
bis (Chloromethyl) ether	542-88-1	80	1,000
Boron tribromide	10294-33-4	10,000	
Boron trichloride	10294-34-5	1,700	5,000
Boron trifluoride	7637-07-2	200	5,000
Bromine chloride	13863-41-7	800	
Bromine pentafluoride	7789-30-2	1,300	
Carbon monoxide (10 percent by volume or more)	630-08-0	12,000	
Carbonyl fluoride	353-50-4	1,700	
Chlorine dioxide	10049-04-4	500	1,000
Chlorine pentafluoride	13637-63-3	500	
Chlorine trifluoride	7790-91-2	600	
Chloromethyl methyl ether	107-30-2	300	5,000
Chloropicrin	76-06-2	900	
Chloroprene	126-99-8	12,000	
Crotonaldehyde (cis-, trans-isomers)	123-73-9	450	20,000
	4170-30-3		
Cyanogen	460-19-5	1,300	10,000
Cyanogen chloride	506-77-4	200	10,000
Diazomethane	334-88-3	300	
Diborane	19287-45-7	60	2,500
Dichloroacetylene	7572-29-4	125	
Dichlorosilane	4109-96-0	2,000	10,000

Name of Extraordinarily Hazardous Substance (EHS)	CAS #	New Jersey Threshold Quantity (Pounds)	EPA Threshold Quantity (Pounds)
Diethylamine	109-89-7	9,600	
Dimethylamine	124-40-3	6,600	10,000
1,1 Dimethylhydrazine	57-14-7	800	15,000
Epoxypropane (Propylene oxide)	75-56-9	7,700	10,000
Ethylamine	75-04-7	7,500	10,000
Ethylene oxide (Oxirane)	75-21-8	2,700	10,000
Ethylenimine (Aziridine)	151-56-4	800	10,000
Ethyl mercaptan	75-08-1	13,000	10,000
Fluorine	7782-41-4	450	1,000
*Formaldehyde (gas)	50-00-0	175	
Furan	110-00-9	200	5,000
Hexafluoroacetone	684-16-2	3,300	
Hydrogen bromide (HBr)	10035-10-6	2,900	
Hydrobromic acid 62 percent by weight or more HBr	10035-10-6	4,800	
Hydrogen selenide	7783-07-5	125	500
Isopropylamine	75-31-0	3,300	10,000
Ketene	463-51-4	50	
Methacrylaldehyde	78-85-3	1,300	
Methyl acrylonitrile	126-98-7	175	10,000
Methylamine	74-89-5	2,300	10,000
Methyl bromide	74-83-9	1,800	
Methyl chloride	74-87-3	12,000	10,000
Methyl chloroformate	79-22-1	350	5,000
Methyl dichlorosilane	75-54-7	27,000	
Methyl fluoroacetate	453-18-9	90	
Methyl fluorosulfate	421-20-5	50	
Methylhydrazine	60-34-4	125	15,000

Name of Extraordinarily Hazardous Substance (EHS)	CAS #	New Jersey Threshold Quantity (Pounds)	EPA Threshold Quantity (Pounds)
Methyl iodide	74-88-4	2,900	
Methyl mercaptan	74-93-1	2,400	10,000
Methyl vinyl ketone	78-94-4	10	
Nickel carbonyl	13463-39-3	125	1,000
*Nitric acid (HNO ₃) 94 percent by weight or more HNO ₃	7697-37-2	450	
Nitrogen Oxides			
Nitrogen dioxide (NO ₂) 10 percent by volume or more	10102-44-0	200	
*Nitric oxide 10 percent by volume or more	10102-43-9	125	
Nitrogen tetroxide 10 percent by volume or more	10544-72-6	200	
Nitrogen trifluoride	7783-54-2	10,000	
Nitrogen trioxide 10 percent by volume	10544-73-7	175	
*Oleum 65 percent by weight or more free sulfur trioxide (SO ₃)	8014-95-7	800	
Osmium tetroxide	20816-12-0	4,500	
Oxygen difluoride	7783-41-7	10	
Ozone	10028-15-6	15	
Pentaborane	19624-22-7	15	
Perchloromethyl mercaptan	594-42-3	125	
Perchloryl fluoride	7616-94-6	2,900	
Phosphine	7803-51-2	30	
Phosphorus trifluoride	34,000		
Phosphoryl chloride	10025-87-3	800	5,000
Propylamine	107-10-8	11,000	
Selenium hexafluoride	7783-79-1	700	
Stibine	7803-52-3	250	
*Sulfur dioxide (SO ₂) 10 percent by volume or more SO ₂	7446-09-5	4,600	
Sulfur monochloride	10025-67-9	2,800	
Sulfur pentafluoride	5714-22-7	175	

Name of Extraordinarily Hazardous Substance (EHS)	CAS #	New Jersey Threshold Quantity (Pounds)	EPA Threshold Quantity (Pounds)
Sulfur tetrafluoride	7783-60-0	150	2,500
Sulfur trioxide	7446-11-9	500	10,000
Sulfuryl fluoride	2699-79-8	22,000	
Tellurium hexafluoride	7783-80-4	175	
Tetrafluorohydrazine	10036-47-2	3,800	
Tetramethyl lead	75-74-1	800	10,000
Tetranitromethane	509-14-8	900	10,000
Thionyl chloride	7719-09-7	250	
Titanium tetrachloride	7550-45-0	600	2,500
Trichlorosilane	10025-78-2	2,700	10,000
Trifluorochloroethylene	79-38-9	7,300	10,000
Trimethoxysilane	2487-90-3	1,100	
Trimethylamine	75-50-3	11,000	10,000
Trimethylchlorosilane	75-77-4	1,400	10,000
Vinyl trichlorosilane	75-94-5	7,700	

Table I, Part B

Additional toxic substance EHSs obtained from EPA's 40 CFR 68.130 - LIST OF REGULATED TOXIC SUBSTANCES AND THRESHOLD QUANTITIES FOR ACCIDENTAL RELEASE PREVENTION. When the chemical name includes a concentration value, the net weight of the pure chemical must equal or exceed the threshold value.

Chemical Name	CAS No.	Threshold quantity (lbs.)
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	5,000
Allyl alcohol [2-Propen-1-ol]	107-18-6	15,000
*Ammonia (conc 20% or greater)	7664-41-7	20,000
Arsenous trichloride	7784-34-1	15,000
Boron trifluoride compound with methyl ether (1:1)	353-42-4	15,000
[Boron,trifluoro[oxybis[methane]]-, T-4- Carbon disulfide	75-15-0	20,000
Chloroform [Methane, trichloro-]	67-66-3	20,000
Cyclohexylamine [Cyclohexanamine]	108-91-8	15,000

Chemical Name	CAS No.	Threshold quantity (lbs.)
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	20,000
Ethylenediamine [1,2-Ethanediamine]	107-15-3	20,000
Formaldehyde (solution)	50-00-0	15,000
Hydrazine	302-01-2	15,000
*Hydrochloric acid (conc 37% or greater)	7647-01-0	15,000
*Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]	7664-39-3	1,000
Iron, pentacarbonyl- [Iron carbonyl (Fe(CO) ₅), (TB-5-11)-]	13463-40-6	2,500
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	20,000
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	15,000
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	20,000
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	5,000
*Nitric acid (conc 80% or greater)	7697-37-2	15,000
*Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	10,000
*Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	10,000
Peracetic acid [Ethaneperoxoic acid]	79-21-0	10,000
Piperidine	110-89-4	15,000
Propionitrile [Propanenitrile]	107-12-0	10,000
Propyl chloroformate [Carbonochloridic acid, propylester]	109-61-5	15,000
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	10,000
*Sulfur dioxide (anhydrous)	7446-09-5	5,000
Toluene 2,6-diisocyanate [Benzene,1,3-diisocyanato-2-methyl-]	91-08-7	10,000
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	15,000

Table I, Part C

Additional flammable substance EHSs obtained from EPA's 40 CFR 68.130 - LIST OF REGULATED FLAMMABLE SUBSTANCES AND THRESHOLD QUANTITIES FOR ACCIDENTAL RELEASE PREVENTION

[Note: 40 CFR 68.130 Table 3 (and 4) incorporated by reference with the exception of propane (CAS No. 74-98-6), propylene (CAS No. 115-07-1), butanes (normal butane (CAS No. 106-97-8) or isobutane (CAS No. 75-28-5)), and butylenes (1-butene (CAS No. 106-98-9, 2-butene (CAS No. 107-01-7), butene (CAS No. 25167-67-3), 2-butene-cis (CAS No. 590-18-1), 2-butene-trans (CAS No. 624-64-6), and 2-methylpropene (CAS No. 115-11-7))]

Chemical Name	CAS No.	Threshold
Acetylene [Ethyne]	74-86-2	10,000
Bromotrifluorethylene [Ethene, bromotrifluoro-]	598-73-2	10,000
1,3-Butadiene	106-99-0	10,000
Carbon oxysulfide [Carbon oxide sulfide (COS)]	463-58-1	10,000
Chlorine monoxide [Chlorine oxide]	7791-21-1	10,000
2-Chloropropylene [1-Propene,2-chloro-]	557-98-2	10,000
1-Chloropropylene [1-Propene, 1-chloro-]	590-21-6	10,000
Cyclopropane	75-19-4	10,000
Difluoroethane [Ethane, 1,1-difluoro-]	75-37-6	10,000
Ethane	74-84-0	10,000
Ethyl acetylene [1-Butyne]	107-00-6	10,000
Ethyl chloride [Ethane, chloro-]	75-00-3	10,000
Ethylene [Ethene]	74-85-1	10,000
Ethyl ether [Ethane, 1,1'-oxybis-]	60-29-7	10,000
Ethyl nitrite [Nitrous acid, ethyl ester]	109-95-5	10,000
Hydrogen	1333-74-0	10,000
Isopentane [Butane, 2-methyl-]	78-78-4	10,000
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5	10,000
Isopropyl chloride [Propane, 2-chloro-]	75-29-6	10,000
Methane	74-82-8	10,000
3-Methyl-1-butene	563-45-1	10,000
2-Methyl-1-butene	563-46-2	10,000
Methyl ether [Methane, oxybis-]	115-10-6	10,000
Methyl formate [Formic acid, methyl ester]	107-31-3	10,000
1,3-Pentadiene	504-60-9	10,000
Pentane	109-66-0	10,000
1-Pentene	109-67-1	10,000
2-Pentene, (E)-	646-04-8	10,000

Chemical Name	CAS No.	Threshold
2-Pentene, (Z)-	627-20-3	10,000
Propadiene [1,2-Propadiene]	463-49-0	10,000
Propyne [1-Propyne]	74-99-7	10,000
Silane	7803-62-5	10,000
Tetrafluoroethylene [Ethene, tetrafluoro-]	116-14-3	10,000
Tetramethylsilane [Silane, tetramethyl-]	75-76-3	10,000
Vinyl acetylene [1-Buten-3-yne]	689-97-4	10,000
Vinyl chloride [Ethene, chloro-]	75-01-4	10,000
Vinyl ethyl ether [Ethene, ethoxy-]	109-92-2	10,000
Vinyl fluoride [Ethene, fluoro-]	75-02-5	10,000
Vinylidene chloride [Ethene,1,1-dichloro-]	75-35-4	10,000
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	10,000
Vinyl methyl ether [Ethene, methoxy-]	107-25-5	10,000

*EHS listed in both Part A and Part B but at different concentrations.

Table I, Part D, Group I
List of Individual Reactive Hazard Substances

	Substance	CAS #	Threshold Quantity (pounds)	Basis for Listing*
1.	Acetyl Peroxide	110-22-5	2,500	e
2.	Butyl Hydroperoxide tertiary	75-91-2	2,500	e
3.	Butyl hypochlorite tertiary	none	2,500	b
4.	Calcium dithionite or Calcium hydrosulfite	15512-36-4	5,000	b
5.	Chlorodinitrobenzenes	97-00-7	2,500	d, e
6.	Cumene Hydroperoxide	80-15-9	2,500	e
7.	Dibenzoyl peroxide	94-36-0	2,500	f
8.	Diethyl Peroxide	628-37-5	2,500	e
9.	Diisopropyl Peroxydicarbonate	105-64-6	2,500	e
10.	Dinitro phenol, dry or wet, less than 15% water as 2,4	51-28-5	2,500	a
11.	Dinitro resorcinol (wetted with not less than 15% water)	35860-51-6	2,500	a
12.	Dipicryl sulfide	2217-06-3	2,500	a
13.	Di-tert-butyl Peroxide	110-05-4	2,500	e
14.	Divinyl Acetylene	821-08-9	2,500	e
15.	Ethyl Nitrate	625-58-1	2,500	e
16.	Ethyl Nitrite (solutions)	109-95-5	2,500	d, e

	Substance	CAS #	Threshold Quantity (pounds)	Basis for Listing*
17.	Isosorbide dinitrate	87-33-2	2,500	a
18.	Magnesium diamide	7803-54-5	2,500	b
19.	m-Dinitrobenzene	99-65-0	2,500	d
20.	Nitroglycerine (alcohol solution)	55-63-0	2,500	e
21.	Nitromethane	75-52-5	2,500	d, e
22.	o-Dinitrobenzene	528-29-0	2,500	e
23.	p-Dinitrobenzene	100-25-4	2,500	d
24.	Peracetic acid (greater than 56% peracetic acid)	79-21-0	2,500	d, e
25.	Picric acid (wet, with not less than 10% water)	88-89-1	2,500	d
26.	Potassium dithionite or Potassium hydrosulfite	14293-73-3	5,000	b
27.	Propargyl bromide (3-Bromopropyne)	106-96-7	2,500	d, e
28.	Silver picrate wetted with not less than 30% water	146-84-9	2,500	a
29.	Sodium dithionite or Sodium hydrosulfite	7775-14-6	5,000	b
30.	Trinitro benzene as 1,3,5 (wetted not less than 30 % water)	99-35-4	2,500	a
* Basis for listing: a - DOT 4.1 b - DOT 4.2 c - DOT 4.3 d - NFPA 49 e - NFPA 325 f - NFPA 432				

Table I, Part D, Group II
Reactive Hazard Substance Mixtures Functional Groups
(For Threshold Quantity Determination See N.J.A.C. 7:31-6.3(b) and N.J.A.C. 7:31-6.3(c))

	Functional Group(s)	Reactive Substance Class
1.	$\text{-C}\equiv\text{C-}$	Acetylenic compounds
2.	$\text{-C}\equiv\text{C-M}$	Metal acetylides
3.	$\text{-C}\equiv\text{C-X}$ $\begin{array}{c} \text{N}=\text{N} \\ \diagup \quad \diagdown \\ \text{C} \end{array}$	Haloacetylene derivatives Diazirines
4.	CN_2	Diazo compounds
5.	-C-N=O -N-N=O	Nitroso compounds
6.	-C-NO_2 $\text{Ar-NO}_2, \text{Ar(NO}_2)_n$ $\text{C(NO}_2)_n$ $\text{O}_2\text{NC-CNO}_2$ $\text{HC[OCH}_2\text{C(NO}_2)_3]_3,$ $\text{C[OCH}_2\text{(NO}_2)_3]_4$	Nitroalkanes, C-nitro and Nitroaryl and Polynitroaryl compounds Polynitroalkyl compounds Trinitroethyl orthoesters
7.	-C-O-N=O	Acyl or alkyl nitrites
8.	-C-O-NO_2	Acyl or alkyl nitrates
9.	$\begin{array}{c} >\text{C}-\text{C}< \\ \quad \\ \text{O} \end{array}$	1,2-Epoxides
10.	$\text{MC}\equiv\text{N}\rightarrow\text{O}$ C=N-O-M	Metal fulminates or aci-nitro salts, oximates
11.	$\begin{array}{c} \text{NO}_2 \\ \\ \text{-C-F} \\ \\ \text{NO}_2 \end{array}$	Fluorodinitromethyl compounds
12.	-N-M	N-metal derivatives
13.	$\text{-N=Hg}^+=\text{N-}$	Poly(dimercurymmonium salts)
14.	-N-NO_2	N-nitro compounds
15.	$=\text{N}^+-\text{N-NO}_2$	N-Azolium nitroimidates
16.	-C-N=N-C-	Azo compounds
17.	Ar-N=N-O-R	Arenediazoates
18.	ArN=N-S-Ar	Arenediazo aryl sulfides
19.	Ar-N=N-O-N=N-Ar	Bis(arenediazo) oxides
20.	Ar-N=N-S-N=N-Ar	Bis(arenediazo) sulfides

	Functional Group(s)	Reactive Substance Class
21.	$\begin{array}{c} \diagup \text{C}=\text{N}=\text{N}-\text{N}-\text{C} \diagdown \\ \text{R} \end{array}$ (R=H, CN, OH, NO)	Trizenes (TCPA note: typographical error, correct spelling is “Triazines”)
22.	$\begin{array}{c} -\text{N}=\text{N}-\text{N}=\text{N}- \\ \text{N}-\text{N}=\text{N}-\text{N}=\text{C}- \end{array}$	High-nitrogen compounds Tetrazoles
23.	$\begin{array}{c} -\text{C}-\text{O}-\text{O}-\text{H} \\ \text{O} \\ \text{R}-\text{C}-\text{O}-\text{OH} \end{array}$	Alkylhydroperoxides Peroxyacids
24.	$\begin{array}{c} -\text{C}-\text{O}-\text{O}-\text{C}- \\ \text{O} \\ -\text{C}-\text{O}-\text{OR} \end{array}$	Peroxides (cyclic, diacyl, dialkyl,), peroxyesters
25.	$\begin{array}{c} -\text{O}-\text{O}-\text{M} \\ \text{EOO}^- \\ \text{MOO}^- \end{array}$	Metal peroxides, peroxyacid salts
26.	$-\text{O}-\text{O}-\text{E}$	Peroxoacids, peroxyesters
27.	$\text{H}_3\text{N} \rightarrow \text{Cr}-\text{OO}-$	Amminechromium peroxocomplexes
28.	$-\text{N}_3$	Azides (acyl, halogen, nonmetal, organic)
29.	$\overline{\text{C}-\text{N}_2^+}\text{O}^-$	Arenediazonium oxides
30.	$-\text{C}-\text{N}_2^+\text{S}^-$	Diazonium sulfides and derivatives, “Xanthates”
31.	$\begin{array}{c} \text{N}^+-\text{HZ}^- \\ \text{N}^+\text{EO}_n^- \end{array}$	Hydrazinium salts Oxosalts of nitrogenous bases
32.	$-\text{N}^+-\text{OH Z}^-$	Hydroxylaminium salts
33.	$-\text{C}-\text{N}_2^+\text{Z}^-$	Diazonium carboxylates or salts
34.	$[\text{N} \rightarrow \text{Metal}]^+ \text{Z}^-$	Amminemetal oxosalts
35.	$\begin{array}{c} \text{Ar}-\text{Metal}-\text{X} \\ \text{X}-\text{Ar}-\text{Metal} \end{array}$	Halo-arylmets Haloarenemetal π -complexes
36.	$\begin{array}{c} -\text{N}-\text{X} \\ \text{XN}_3 \\ \text{O} \text{ X O} \\ \text{O} \text{ X O} \\ \text{C}-\text{N}-\text{C}- \end{array}$	Halogen azides N-halogen compounds N-haloimides
37.	$\begin{array}{c} -\text{N}-\text{F}_2 \\ -\text{C}(\text{NF})\text{NF}_2 \end{array}$	Difluoroamino compounds <i>N,N,N</i> -trifluoroalkylamidines
38.	$\text{N}-\text{O}-$	N-O compounds

	Functional Group(s)	Reactive Substance Class
39.	-O-X XO _n -Cl-O ₃ ClO ₂ ⁻ R-O-Cl-O ₃ RN ⁺ H ₃ ClO ₄ ⁻	Hypohalites Halogen oxides Perchloryl compounds Chlorite salts Alkyl perchlorates Aminium perchlorates
40.	$\left(\begin{array}{c} \quad \\ -C - C- \\ \quad \end{array} \right)_n$	Polymerization, alkene (vinyl) polymers and monomers thereof
41.	$-\left(\begin{array}{c} \quad \quad O \\ -C - C- \\ \quad \quad \\ N- \end{array} \right)_n$	Polymerization, polyamide polymers and monomers thereof
42.	$-\left(\begin{array}{c} \quad \quad O \\ -C - C- \\ \quad \quad \\ O- \end{array} \right)_n$	Polymerization, polyester polymers and monomers thereof
43.	S ₂ O ₄ ²⁻	Dithionites
<p>Abbreviations: Ar = aromatic (benzene); M = metal; R = organic chain; X = halogen; E = nonmetal; Z = anion; n = integer variable; all other abbreviations are for the element symbols from the periodic table of elements.</p> <p>Note: Not all chemical bond symbols are shown.</p>		

(b) The following conditions apply for determining whether RHSs or RHS Mixtures listed in Part D of Table I are subject to the requirements of this chapter.

1. Individual RHSs listed in Table I, Part D, Group I that are received, stored, and handled in combination with one or more other chemical substances specifically formulated to inhibit the reactive hazard (such as water reactivity, pyrophoric, or self-reacting) of the RHS shall be exempt from this chapter as long as the appropriate inhibitor concentration is maintained. The owner or operator shall document that the inhibitor concentration is maintained.
2. An RHS Mixture is a combination of substances that is intentionally mixed in a process vessel and is capable of undergoing an exothermic chemical reaction, which produces toxic or flammable EHSs or energy. An RHS mixture has a heat of reaction which, by convention, is expressed as a negative value for an exothermic reaction, that has an absolute value greater than or equal to 100 calories per gram of RHS mixture. RHS mixtures include a reactant, product, or byproduct that is a chemical substance or a mixture of substances having one or more of the chemical functional groups specified in Table I, Part D, Group II.
 - i. The heat of reaction shall be determined in accordance with (b)2iv below.
 - ii. The heat of solution or dilution shall not be considered when determining whether a mixture of substances is an RHS subject to this chapter.
 - iii. RHS mixtures that are only processed in a scrubber that is operated as an air pollution control device in compliance with the conditions of a State permit pursuant to the Air Pollution Control Act, N.J.S.A. 26:2C-1 et seq. shall not be subject to this chapter.

iv. The owner or operator shall determine and document the heat of reaction by using one of the following methods:

- (1) Testing the intended combination in an acceptable calorimetry test over the lowest temperature range of the following: up to 400 degrees Celsius, 100 degrees Celsius higher than the maximum projected or observed processing temperature, or the maximum achievable temperature in the process vessel; or
- (2) A generally accepted practice such as a literature review or engineering calculations applicable to the RHS mixture over the lowest temperature range of the following: up to 400 degrees Celsius, 100 degrees Celsius higher than the maximum projected or observed processing temperature, or the maximum achievable temperature in the process vessel;

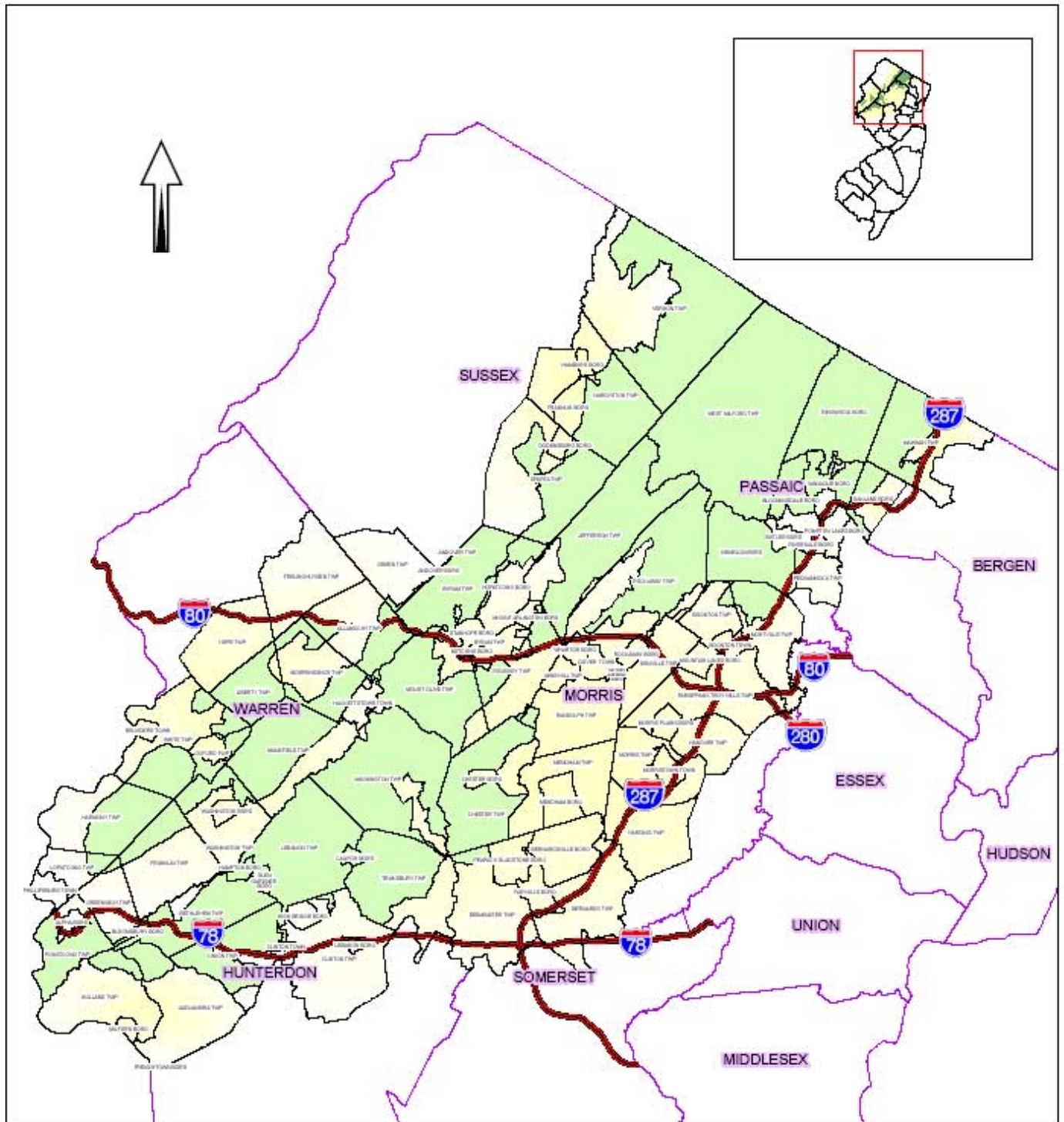
(c) **Table II - Reactive Hazard Substance Mixture Threshold Quantities**

- Heat of Reaction ($-\Delta H_R$) (calories/g of RHS Mixture)	Threshold Quantity (Pounds)
$100 \leq -\Delta H_R < 200$	13,100
$200 \leq -\Delta H_R < 300$	8,700
$300 \leq -\Delta H_R < 400$	6,500
$400 \leq -\Delta H_R < 500$	5,200
$500 \leq -\Delta H_R < 600$	4,400
$600 \leq -\Delta H_R < 700$	3,700
$700 \leq -\Delta H_R < 800$	3,300
$800 \leq -\Delta H_R < 900$	2,900
$900 \leq -\Delta H_R < 1,000$	2,600
$-\Delta H_R \geq 1,000$	2,400

- (d) If an EHS is listed in Table I, Part D, Group I as an individual RHS and is also part of an RHS mixture in a covered process as determined in accordance with N.J.A.C. 7:31-6.3(b)2, the lower threshold quantity shall apply throughout this chapter.

ATTACHMENT I

New Jersey Highlands Preservation and Planning Areas



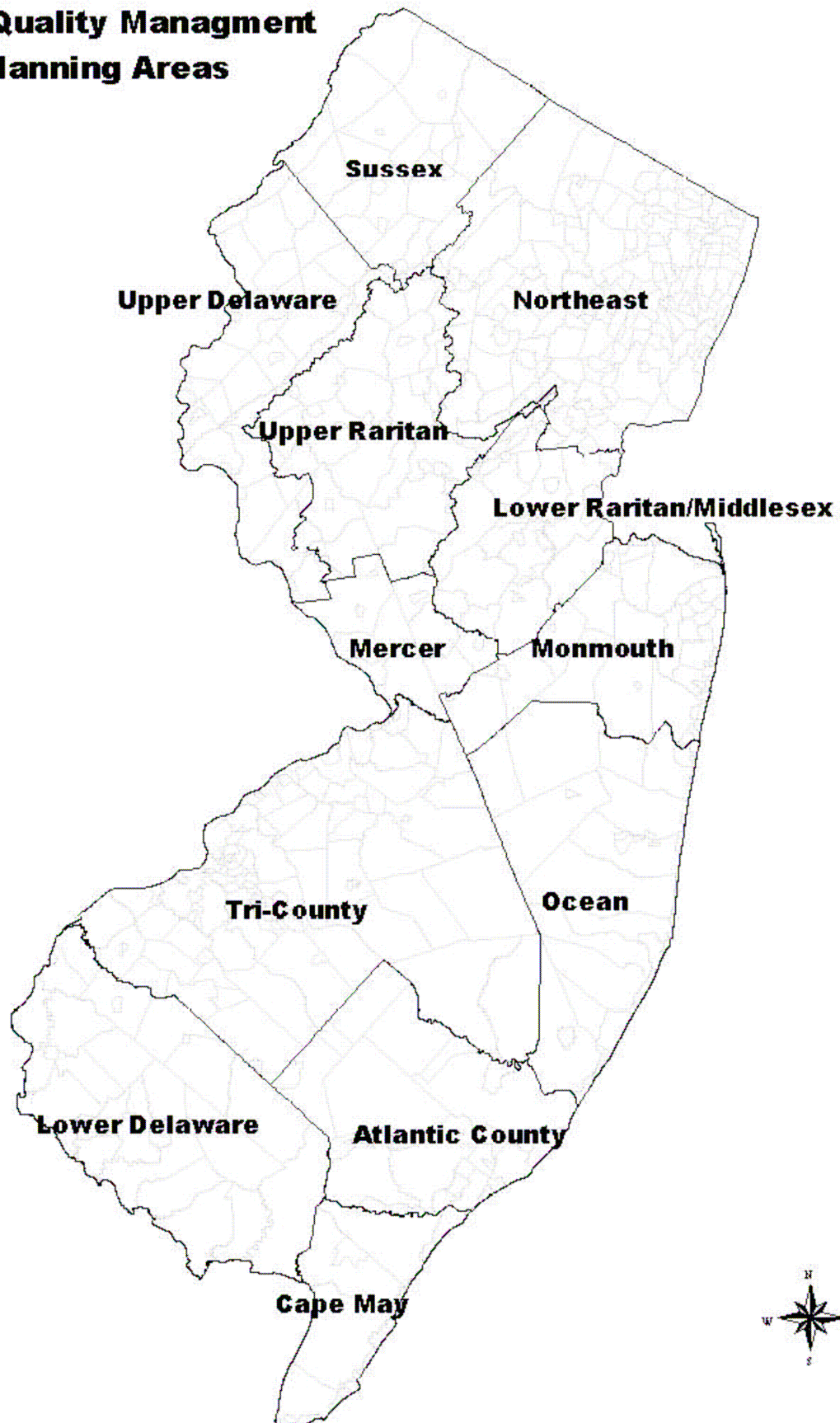
December 2005

0 2.5 5 10 15 20 Miles

- Highlands Preservation Area
- Highlands Planning Area
- Counties
- Municipalities
- Interstate Highways

ATTACHMENT J

Water Quality Management Planning Areas



ATTACHMENT K

LISTING OF AREAWIDE WATER QUALITY MANAGEMENT PLANNING DESIGNATED PLANNING AGENCIES

- (1) Indicates Agency also has WMP Responsibility
(2) Indicates Agency has Adopted WQMP Procedures

**Atlantic County Board of Chosen Freeholders for the Atlantic County WQM planning area
(1)(2)**

C/O Atlantic County Department of Regional Planning and Development
P.O. Box 719
New Road and Dolphin Avenue
Northfield, NJ 08225-0719
(609) 645-5898

**Cape May County Board of Chosen Freeholders for the Cape May County WQM planning
area (1)(2)**

C/O Cape May County Health Department
DN 601
4 Moore Road
Cape May Court House, NJ 08210-1601
(609) 465-1187

**Mercer County Board of Chosen Freeholders for the Mercer County WQM planning area
(2)**

C/O Mercer County Planning Division
McDade Administration Building
Room 412
640 South Broad Street
P.O. Box 8068
Trenton, NJ 08650
(609) 989-6545

**Middlesex County Board of Chosen Freeholders for the Lower Raritan/Middlesex County
WQM (1)(2)
planning area (which includes portions of Somerset and Union Counties)**

C/O Middlesex County Planning Board
40 Livingston Avenue
New Brunswick, NJ 08901
(732) 745-3016

**Monmouth County Board of Chosen Freeholders for the Monmouth County WQM
planning area (1)(2)**

C/O Monmouth County Planning Board
Hall of Records Annex
One East Main Street

Freehold, NJ 07728
(732) 431-7460

**Ocean County Board of Chosen Freeholders for the Ocean County WQM planning area (1)
(which includes portions of
Monmouth County)**

C/O Ocean County Planning Board
Court House Square
P.O. Box 2191
Toms River, NJ 08754
(732) 929-2054

**Sussex County Board of Chosen Freeholders for the Sussex County WQM planning area
(which includes portions of Morris County) (1)(2)**

C/O Sussex County Department of Engineering and Planning, Division of Planning
Sussex County Administrative Building
One Spring Street
Newton, NJ 07860
(973) 579-0500

**Delaware Valley Regional Planning Commission for the Tri-County WQM planning area
(which includes Burlington, Camden
and Gloucester Counties)**

Delaware Valley Regional Planning Commission
The Bourse Building
111 South Independence Mall East
Philadelphia, PA 19106-2515
(215) 592-1800

**New Jersey Department of Environmental Protection for the Northeast, Upper Raritan,
Upper Delaware and Lower Delaware WQM Planning Areas**